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THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

# THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM

## THIRD QUARTER 1992 (U)

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SAFETY • RESPONSIBILITY • SECURITY
SRS
SAVANNAH RIVER SITE

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# 1. EXECUTIVE SUMMARY

The Environmental Protection Department/ Environmental Monitoring Section (EPD/EMS) administers the Savannah River Site's (SRS) Groundwater Monitoring Program. During third quarter 1992, EPD/EMS conducted extensive sampling of monitoring wells.

EPD/EMS has established two sets of flagging criteria to assist in managing sample results. The flagging criteria do not define contamination levels; instead, they aid personnel in sample scheduling, interpretation of data, and trend identification. Since 1991, the flagging criteria have been based on the federal Environmental Protection Agency (EPA) drinking water standards and on method detection limits. A detailed explanation of the flagging criteria is presented in the **Flagging Criteria** section of this document. Analytical results from third quarter 1992 are included in this report, which is distributed to all site custodians. Thirteen wells scheduled for analyses during third quarter 1992 were not sampled pending full establishment of a purgewater containment program. For more information, see the **Sample Scheduling** section.

One or more analytes exceeded Flag 2 during third quarter 1992 in 103 monitoring well series. Analytes exceeded the current Flag 2 criteria for the first time since 1984 in 21 of the 103 monitoring well series, two of which (FSL and HSL) were first sampled this quarter.

Table 1 lists those well series with constituents in the groundwater above Flag 2 during third quarter 1992, organized by location. Results from all laboratory analyses are used to generate this table. Specific conductance and pH data from the field also are included in this table.

**Table 1. Analytes Above Flag 2 Criteria**

| Site | Well Series | Analytes Above Flag 2 Criteria Third Quarter 1992 |
|---|---|---|
| **100 AREAS** | | |
| ***C Area*** | | |
| C-Area Burning/Rubble Pit | CRP | Tritium |
| C-Area Disassembly Basin | CDB | Lead, tritium |
| C-Area Reactor Seepage Basins | CSB | Lead, tritium |
| ***K Area*** | | |
| K-Area Acid/Caustic Basin | KAC | Iron, pH, specific conductance |
| K-Area Ash Basin | KAB | Iron, manganese, specific conductance, total alpha-emitting radium |
| K-Area Burning/Rubble Pit | KRP | Lead, manganese |

**Table 1. Analytes Above Flag 2 Criteria** (cont.)

| Site | Well Series | Analytes Above Flag 2 Criteria Third Quarter 1992 |
|---|---|---|
| **100 AREAS** (cont.) | | |
| ***K Area*** (cont.) | | |
| K-Area Coal Pile Runoff Containment Basin | KCB | Manganese, specific conductance, sulfate, total alpha-emitting radium |
| K-Area Diesel Tank | KDT | Manganese, tritium |
| K-Area Disassembly Basin | KDB | Lead, manganese, total organic halogens, total alpha-emitting radium, tritium |
| K-Area Reactor Seepage Basin | KSB | Tritium |
| K-Area Retention Basin | KRB | Iron, lead, tritium |
| K-Area Tritium Monitoring Well | KSM | **Iron**, manganese, tritium |
| K-Area Wind Tower Piezometers at B Road | K | Tritium |
| ***L Area*** | | |
| L-Area Burning/Rubble Pit | LRP | Lead |
| L-Area Disassembly Basin | LDB | Lead, total organic halogens |
| L-Area Oil and Chemical Basin | LCO | Specific conductance, tetrachloroethylene, technetium-99, tritium |
| L-Area Reactor Seepage Basin | LSB | Tritium |
| L-Area Research Wells | LAW | Iron, lead, pH |
| ***P Area*** | | |
| P-Area Acid/Caustic Basin | PAC | Iron, manganese |
| P-Area Burning/Rubble Pit | PRP | Lead, manganese, total organic halogens |
| P-Area Coal Pile Runoff Containment Basin | PCB | Iron, lead, manganese |
| P-Area Disassembly Basin | PDB | Tritium |
| P-Area Reactor Seepage Basins | PSB | Lead, tritium |
| ***R Area*** | | |
| R-Area Acid/Caustic Basin | RAC | Gross alpha |
| R-Area Burning/Rubble Pits | RRP | Iron |

Note: Analytes in **bold** were detected at levels above the current Flag 2 criteria for the first time since 1984.

**Table 1. Analytes Above Flag 2 Criteria** (cont.)

| Site | Well Series | Analytes Above Flag 2 Criteria Third Quarter 1992 |
|---|---|---|
| **100 AREAS** (cont.) | | |
| ***R Area*** (cont.) | | |
| R-Area Coal Pile Study | RCP | **Manganese** |
| R-Area Disassembly Basin | RDB | Iron, manganese |
| Series A, R-Area Reactor Seepage Basins | RSA | Cadmium, iron, **total organic carbon**, **potassium-40**, total alpha-emitting radium |
| Series B, R-Area Reactor Seepage Basins | RSB | Cadmium |
| Series C, R-Area Reactor Seepage Basins | RSC | Specific conductance |
| Series D, between R-Area Reactor Seepage Basins and R-Area Disassembly Basin | RSD | Cadmium, iron, gross alpha, nonvolatile beta, **strontium-90** |
| Series E, R-Area Reactor Seepage Basins | RSE | Cadmium, iron, manganese, total organic halogens, gross alpha, nonvolatile beta, **strontium-90**, tritium |
| Series F, R-Area Reactor Seepage Basins | RSF | **Total organic carbon**, tritium |
| **200 AREAS** | | |
| ***Burial Grounds (E Area)*** | | |
| Burial Grounds | BG | Cadmium, iron, lead, manganese, mercury, gross alpha, total alpha-emitting radium, tritium |
| Burial Grounds Perimeter Wells | BGO | Aluminum, antimony, chloroethene (vinyl chloride), **dichlorodifluoromethane**, 1,1-dichloroethane, 1,1-dichloroethylene, iron, lead, manganese, pH, specific conductance, tetrachloroethylene, **thallium**, total organic halogens, trichloroethylene, **vinyl acetate**, gross alpha, total alpha-emitting radium, tritium |
| E-Area Vaults near the Burial Grounds | BGX | **Cadmium**, **iron**, manganese, pH, specific conductance, trichloroethylene, nonvolatile beta, tritium |
| Series C, Monitoring Grid Wells for Burial Grounds | MGC | Tritium |
| Series G, Monitoring Grid Wells for Burial Grounds | MGG | Gross alpha, tritium |

Note: Analytes in **bold** were detected at levels above the current Flag 2 criteria for the first time since 1984.

**Table 1. Analytes Above Flag 2 Criteria** (cont.)

| Site | Well Series | Analytes Above Flag 2 Criteria Third Quarter 1992 |
|---|---|---|
| **200 AREAS** (cont.) | | |
| ***F Area*** | | |
| Burma Road Rubble Pit | BRR | Manganese, total alpha-emitting radium, tritium |
| F-Area A Line | FAL | 1,2-Dichloroethane, lead, manganese, trichloroethylene, trichlorofluoromethane |
| F Area and H Area | ZW | Tritium |
| F-Area Acid/Caustic Basin | FAC | Manganese, **nitrate as nitrogen**, total organic halogens |
| F-Area Burning/Rubble Pits | FBP | Total organic halogens |
| F-Area Canyon Building | FCA | Lead, manganese, nitrate-nitrite as nitrogen, total organic halogens, trichloroethylene, trichlorofluoromethane, gross alpha, nonvolatile beta, total alpha-emitting radium, strontium 89/90, strontium-90, tritium |
| F-Area Coal Pile Runoff Containment Basin | FCB | Iron, total alpha-emitting radium |
| F-Area Inactive Process Sewer Lines | FSL | **Lead, manganese, nitrate-nitrite as nitrogen, trichloroethylene, trichlorofluoromethane, tritium** |
| F-Area Microbiology Wells for Bedrock Exploration (P 28 Cluster) | P | Iron |
| F-Area Seepage Basins | F | Gross alpha, nonvolatile beta, tritium |
| F-Area Seepage Basins | FSB | Aluminum, antimony, arsenic, cadmium, cobalt, iron, lead, manganese, mercury, nickel, nitrate-nitrite as nitrogen, pH, specific conductance, thallium, total silica, trichloroethylene, trichlorofluoromethane, uranium, cesium-137, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium |
| F-Area Sludge Land Application Site | FSS | Iron, lead, manganese, **mercury**, tritium |
| F-Area Tank Farm | FTF | **Nitrate-nitrite as nitrogen**, pH, specific conductance, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium |
| Old F-Area Seepage Basin | FNB | Manganese, nitrate-nitrite as nitrogen, trichloroethylene, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium, **uranium-234**, uranium-238 |

Note: Analytes in **bold** were detected at levels above the current Flag 2 criteria for the first time since 1984.

**Table 1. Analytes Above Flag 2 Criteria** (cont.)

| Site | Well Series | Analytes Above Flag 2 Criteria Third Quarter 1992 |
|---|---|---|
| **200 AREAS** (cont.) | | |
| ***F Area*** (cont.) | | |
| Wells between the F-Area Canyon Building and the Naval Fuel Material Facility | NBG | Iron, lead, nitrate-nitrite as nitrogen, specific conductance, trichloroethylene, total organic halogens, tritium |
| ***H Area*** | | |
| H-Area Acid/Caustic Basin | HAC | Iron, **radium-228**, tritium |
| H-Area Canyon Building | HCA | **Carbon tetrachloride**, lead, manganese, tetrachloroethylene, trichloroethylene, tritium |
| H-Area Coal Pile Runoff Containment Basin | HCB | Iron, lead, manganese, specific conductance, sulfate, tritium |
| H-Area Effluent Treatment Cooling Water Basin | HET | Tritium |
| H-Area Inactive Process Sewer Lines | HSL | **Manganese, nitrate-nitrite as nitrogen, nonvolatile beta, tritium** |
| H-Area Retention Basin | HR8 | Lead, **trichloroethylene**, tritium |
| H-Area Seepage Basins | H | Gross alpha, tritium |
| H-Area Seepage Basins | HSB | Aluminum, antimony, arsenic, cadmium, cobalt, iron, lead, manganese, mercury, nitrate-nitrite as nitrogen, pH, specific conductance, tetrachloroethylene, total organic halogens, total silica, vanadium, cobalt-60, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium |
| H-Area Sludge Land Application Site | HSS | Lead |
| H-Area Tank Farm | HTF | Cadmium, lead, mercury, specific conductance, gross alpha, **strontium-90**, total alpha-emitting radium, tritium |
| Old H-Area Retention Basin | HR3 | Tritium |
| ***S Area*** | | |
| S-Area Defense Waste Processing Facility Background Wells | SBG | Tritium |
| S-Area Vitrification Building | SCA | Manganese, specific conductance, tritium |

Note: Analytes in **bold** were detected at levels above the current Flag 2 criteria for the first time since 1984.

**Table 1. Analytes Above Flag 2 Criteria** (cont.)

| Site | Well Series | Analytes Above Flag 2 Criteria Third Quarter 1992 |
|---|---|---|
| **200 AREAS** (cont.) | | |
| ***Y Area*** | | |
| Y-Area Waste Solidification and Disposal Facility | YSC | pH, specific conductance |
| ***Z Area*** | | |
| Z-Area Low Point Drain Tank | ZDT | Tritium |
| Z-Area Saltstone Facility Background Wells | ZBG | **Antimony** |
| **300/700 AREAS** | | |
| A-Area Burning/Rubble Pits | ARP | Tetrachloroethylene, total organic halogens, trichloroethylene |
| A-Area Coal Pile Runoff Containment Basin | ACB | Manganese, tetrachloroethylene, trichloroethylene, gross alpha, total alpha-emitting radium |
| A-Area Metals Burning Pit | ABP | Aluminum, lithium, manganese, pH, specific conductance, tetrachloroethylene, trichloroethylene |
| M-Area Hazardous Waste Management Facility (HWMF) and Plume Definition Wells | MSB | Aluminum, antimony, cadmium, carbon tetrachloride, chloroethane, 1,1-dichloroethylene, iron, lead, manganese, mercury, nitrate as nitrogen, nitrate-nitrite as nitrogen, pH, specific conductance, tetrachloroethylene, thallium, trichloroethylene, trichlorofluoromethane, total organic halogens, uranium, gross alpha, nonvolatile beta, total alpha-emitting radium |
| M-Area Recovery Wells | RWM | Chloroform, tetrachloroethylene, trichloroethylene |
| Metallurgical Laboratory Seepage Basin | AMB | Iron, manganese, pH, specific conductance, tetrachloroethylene, total organic halogens, trichloroethylene, total alpha-emitting radium |
| Miscellaneous Chemical Basin | MCB | Aluminum, carbon tetrachloride, lithium, pH, specific conductance, tetrachloroethylene, total organic halogens, trichloroethylene |
| Motor Shop Oil Basin | AOB | Oil & grease, tetrachloroethylene, total organic halogens, trichloroethylene |

Note: Analytes in **bold** were detected at levels above the current Flag 2 criteria for the first time since 1984.

**Table 1. Analytes Above Flag 2 Criteria** (cont.)

| Site | Well Series | Analytes Above Flag 2 Criteria Third Quarter 1992 |
|---|---|---|
| **300/700 AREAS** (cont.) | | |
| Savannah River Technology Center (SRTC) | ASB | pH, tetrachloroethylene, total organic halogens, trichloroethylene, tritium |
| Silverton Road Waste Site | SRW | Carbon tetrachloride, lead, trichloroethylene |
| **400 AREA** | | |
| ***D Area*** | | |
| D-Area Burning/Rubble Pits | DBP | Manganese |
| D-Area Coal Pile Runoff Containment Basin and Ash Basins | DCB | Chromium, fluoride, iron, manganese, pH, sulfate, trichloroethylene, specific conductance, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium |
| D-Area Oil Disposal Basin | DOB | Iron, tetrachloroethylene, **tin**, total organic halogens, trichloroethylene |
| **600 AREAS** | | |
| ***Central Shops*** | | |
| Central Shops Diesel Spill Characterization and Remediation Wells | CSD | Benzene, pH, trichloroethylene |
| Ford Building Seepage Basin | HXB | Tritium |
| Potential New Production Reactor Site Characterization Wells near Central Shops | NPM | **Cadmium**, **lead**, pH, specific conductance |
| ***General Areas*** | | |
| Adjacent to SRS Road E-2 near the Proposed Sanitary Landfill Site (P 14 Cluster) | P | Aluminum, iron |
| B-Area Microbiology Wells (P 29 Cluster) | P | Benzene, iron |
| Chemicals, Metals, and Pesticides Pits | CMP | Lead, manganese, pH, tetrachloroethylene, trichloroethylene, nonvolatile beta, **radium-228** |
| Hazardous Waste/Mixed Waste Disposal Facility | HMD | **Antimony**, manganese, **thallium** |
| Interim Waste Technology Site B: Characterization Wells | IDB | Iron, lead, pH, specific conductance |

Note: Analytes in **bold** were detected at levels above the current Flag 2 criteria for the first time since 1984.

**Table 1. Analytes Above Flag 2 Criteria** (cont.)

| Site | Well Series | Analytes Above Flag 2 Criteria Third Quarter 1992 |
|---|---|---|
| **600 AREAS** (cont.) | | |
| ***General Areas*** (cont.) | | |
| Interim Waste Technology Site P: Characterization Wells | IDP | Iron, pH |
| Interim Waste Technology Site Q: Characterization Wells | IDQ | Iron, lead, manganese, pH, specific conductance |
| Kato Road Sewage Sludge Application Site (SSS 19–21) | SSS | Total organic halogens |
| Orangeburg Sewage Sludge Application Site (SSS 7–9) | SSS | Total organic halogens |
| Par Pond Sludge Land Application Site | PSS | Lead |
| Road A Chemical Basin (Baxley Road) | BRD | Manganese, total organic halogens |
| Road F Sewage Sludge Application Site (SSS 22–24) | SSS | Total organic carbon, total organic halogens |
| Sandy (Lucy) Sewage Sludge Application Site (SSS 10–12) | SSS | Manganese, total organic carbon, total organic halogens |
| Sanitary Landfill | LFW | Antimony, benzene, chlorobenzene, chloroethene (vinyl chloride), 1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethylene, 1,2-dichloropropane, iron, lead, lindane, manganese, phenols, specific conductance, tetrachloroethylene, trichloroethylene, trichlorofluoromethane, total organic carbon, total organic halogens, tritium |
| Second Par Pond Borrow Pit Sewage Sludge Application Site (SSS 25–27) | SSS | Iron, manganese, total organic halogens |
| 40-Acre Hardwood Sewage Sludge Application Site (SSS 1–3) | SSS | Total organic carbon, total organic halogens |
| ***TNX Area*** | | |
| New TNX Seepage Basin | YSB | Total inorganic carbon |
| Old TNX Seepage Basin | XSB | Carbon tetrachloride, iron, manganese, **nitrate-nitrite as nitrogen**, total inorganic carbon, total organic halogens, trichloroethylene, gross alpha, nonvolatile beta, radium-228 |

Note: Analytes in **bold** were detected at levels above the current Flag 2 criteria for the first time since 1984.

**Table 1. Analytes Above Flag 2 Criteria** (cont.)

| Site | Well Series | Analytes Above Flag 2 Criteria Third Quarter 1992 |
|---|---|---|
| **600 AREAS** (cont.) | | |
| ***TNX Area*** (cont.) | | |
| TNX-Area Assessment Wells | TNX | Carbon tetrachloride, iron, manganese, nitrate-nitrite as nitrogen, tetrachloroethylene, total inorganic carbon, total organic halogens, trichloroethylene, gross alpha, radium-228, total alpha-emitting radium |
| TNX Burying Ground | TBG | Carbon tetrachloride, iron, **lead**, manganese, nitrate-nitrite as nitrogen, total inorganic carbon, total organic halogens, trichloro-ethylene, gross alpha, total alpha-emitting radium |

Note: Analytes in **bold** were detected at levels above the current Flag 2 criteria for the first time since 1984.

## NOTES

# 2. INTRODUCTION

This report summarizes the Savannah River Site (SRS) groundwater monitoring program conducted by the Environmental Protection Department's Environmental Monitoring Section (EPD/EMS) during the third quarter of 1992. It includes the analytical data, field data, data review, quality control, and other documentation for this program; provides a record of the program's activities; and serves as an official document of the analytical results.

EPD/EMS is responsible for monitoring for constituents in the groundwater at approximately 135 waste sites in 16 areas at SRS (see Figures 1 and 2, pp. 14–15). The majority of this monitoring is required by U.S. Department of Energy (DOE) orders and by federal and state regulations administered by the U.S. Environmental Protection Agency (EPA) and the South Carolina Department of Health and Environmental Control (SCDHEC). The groundwater monitoring program includes the following activities:

- installation, maintenance, and abandonment of monitoring wells
- environmental soil borings
- development of sampling and analytical schedules
- collection and analyses of groundwater samples
- review of analytical and other data
- maintenance of the databases containing groundwater monitoring data
- quality assurance (QA) evaluations of laboratory performance
- reports of results to waste-site facility custodians and the Environmental Protection Section (EPS) of EPD

EPD/EMS is responsible for monitoring wells but not for the facilities that are monitored. It is the responsibility of the custodian of each waste site to ensure that EPD/EMS is informed of sampling requirements and special requests for the sampling schedule, to assist in reviewing the data, and to make any decisions regarding groundwater monitoring at the waste site.

Each custodian receives a copy of this report; also, each custodian receives site-specific data upon request, including the following:

- a computer printout of the analytical data for the current quarter and for the previous seven quarters, designed to assist in identifying trends
- a computer printout of analytical values at or above Flag 1 and Flag 2 criteria for the quarter, designed to assist in identifying elevated analytical values

## ORGANIZATION OF THIS REPORT

This report is divided into sections that focus on specific aspects of the SRS groundwater monitoring program. The **Executive Summary** section presents a tabular listing by waste site and well series of all analytes detected at or above Flag 2 criteria during the quarter. Analytes detected at or above Flag 2 criteria for the first time since 1984 are indicated in bold type.

The following five sections address sampling and assessment of groundwater quality at SRS.

The **Flagging Criteria** section lists flagging criteria for analytes and provides a short description of how the criteria were derived. The **Sample Scheduling** section discusses the preparation of the sampling schedule and the criteria for analyte selection.

During sample collection, samplers often write comments in the field logbooks that may be pertinent to the analysis of the sample. Many of the comments concern wells that went dry during sampling or the appearance of water that is colored, turbid, or aerated. These comments are given in the **Field Notes** section.

Samples are analyzed by the EPD/EMS and M-Area laboratories at SRS and by one or more off-site laboratories. During the third quarter, General Engineering Laboratories and Roy F. Weston, Inc., were the primary off-site laboratories; radionuclide analyses were conducted by Environmental Physics (a division of General Engineering Laboratories), Teledyne Isotopes, Clemson Technical Center, Inc., and TMA/-Eberline; asbestos analyses were conducted by Spencer Laboratories. The **Analytical Data Review** section contains two subsections. The **Review of the Analytical Data for Errors** subsection is a discussion of discrepancies in each laboratory's analytical data, including results that are considerably higher or lower than previous results, analyses that were omitted, and laboratory blanks that showed elevated results. The **Analytical Methods** subsection lists the methods the laboratories used for measuring concentrations of each analyte.

A number of replicate samples are analyzed by the primary off-site laboratories as part of the EPD/EMS quality control program. The **Quality Control Samples** section contains four subsections. The **Replicate and Duplicate Analyses of Samples** subsection explains the replicate analysis program, gives the statistical methods used for comparison, and lists the results of the comparisons. The **Comments on the Replicate and Duplicate Analyses** subsection discusses the replicate and duplicate analyses comparison results and their meanings. The laboratory's performance is tested using solutions with known analyte concentrations; the results and percentage of analyses within limits are found in the **Quality Control Standards** subsection.

The **Blanks** subsection discusses various types of sampling blanks and lists anomalous results obtained from analysis of samples of deionized water to aid in determining if detected constituents were in rinsewater, in sample containers, or introduced during analysis.

The **Water Level Data** section includes concurrent water elevations obtained in the A/M and other areas; these data are used by SRS personnel in hydrogeologic studies.

The **Site Index by Well Series** assists the reader in identifying the site associated with each well series. A list of terms, abbreviations, and acronyms used in this report can be found in the **Glossary** section. References cited are listed in the **References** section.

The **Analytical Results** section (**Appendix A**) includes tables listing the analytical results from all the laboratories and field data for all wells sampled during the quarter. The tables appear in alphabetical order by well name. **Appendix B** contains tables listing the analytical results of laboratory tests on sampling blanks.

## FOR FURTHER INFORMATION

The following is a brief description of documents pertaining to the groundwater monitoring program.

### Quarterly Reports

EPD/EMS has published a description of its groundwater monitoring program for each quarter since the beginning of 1986. A list of these quarterly reports follows.

| Report | Document Number |
|---|---|
| Second Quarter 1992 | ESH-EMS-920036 |
| First Quarter 1992 | ESH-EMS-920035 |
| Fourth Quarter 1991 | ESH-EMS-910090 |
| Third Quarter 1991 | ESH-EMS-910089 |
| Second Quarter 1991 | ESH-EMS-910088 |
| First Quarter 1991 | ESH-EMS-910087 |
| Fourth Quarter 1990 | ESH-EMS-900134 |
| Third Quarter 1990 | ESH-EMS-900133 |
| Second Quarter 1990 | ESH-EMS-900132 |
| First Quarter 1990 | ESH-EMS-90-0131 |

| Report | Document Number |
|---|---|
| Fourth Quarter 1989 | ESH-EMS-890046 |
| Third Quarter 1989 | ESH-EMS-890045 |
| Second Quarter 1989 | ESH-EMS-890044 |
| First Quarter 1989 | ESH-EMS-890043 |
| Fourth Quarter 1988 | HPR-89-193 |
| Third Quarter 1988 | HPR-88-489 |
| Second Quarter 1988 | HPR-88-300 |
| First Quarter 1988 | HPR-88-238 |
| Fourth Quarter 1987 | HPR-88-098 |
| Third Quarter 1987 | HPR-87-339 |
| Second Quarter 1987 | HPR-87-286 |
| First Quarter 1987 | HPR-87-158 |
| Fourth Quarter 1986 | HPR-87-072 |
| Third Quarter 1986 | HPR-87-002 |
| Second Quarter 1986 | HPR-86-226 |
| First Quarter 1986 (revised) | HPR-86-158 |

### Annual Reports

DOE's *Savannah River Site Environmental Report*, which includes groundwater data for the year, site descriptions, and site maps, is a public document issued annually. A list of recent reports follows.

| Report | Document Number |
|---|---|
| 1991 | WSRC-TR-92-186 |
| 1990 | WSRC-IM-91-28 (Vols. I and II) |
| 1989 | WSRC-IM-90-60 (Vols. I and II) |
| 1988 | WSRC-RP-89-59-1 (Vols. I and II) |
| 1987 | DPSPU-88-30-1 (Vols. I and II) |
| 1986 | DPSPU-87-30-1 (Vols. I and II) |
| 1985 | DPSPU-86-30-1 (Vols. I and II) |

### Inventory and Maps of Wells

The *Environmental Protection Department's Well Inventory* provides a historical record of wells monitored by EPD/EMS, contains a list of wells currently in the EPD/EMS Groundwater Monitoring Program, and provides pertinent information about all wells listed in EPD/EMS documents. The latest version is ESH-EMS-920039, which includes site maps for active and abandoned wells.

Prior to 1991, information on well abandonment, maintenance, construction and stabilization, environmental soil borings, and surveying was included in the quarterly report. All of that information now is published separately in The Savannah River Site's Groundwater Monitoring Program annual *Well Installation Report*. The current version is ESH-EMS-910093.

### Other Data Reports

DOE's *Geoscience Implementation Plan* and *Geohydrology Program Report* describe SRS geohydrology program projects and their current status and administration.

Christensen and Gordon's *Technical Summary of Groundwater Quality Protection Program at Savannah River Plant, Volume I – Site Geohydrology, and Solid and Hazardous Wastes,* (DPST-83-829, December 1983) describes SRS waste disposal sites and analytical monitoring data.

Stone and Christensen's *Technical Summary of Groundwater Quality Protection Program at Savannah River Plant, Volume II – Radioactive Waste* (DPST-83-829, December 1983) presents representative monitoring data for radioactivity in groundwater at SRS.

Full bibliographical listings of these and other documents cited can be found in the **References** section of this report.

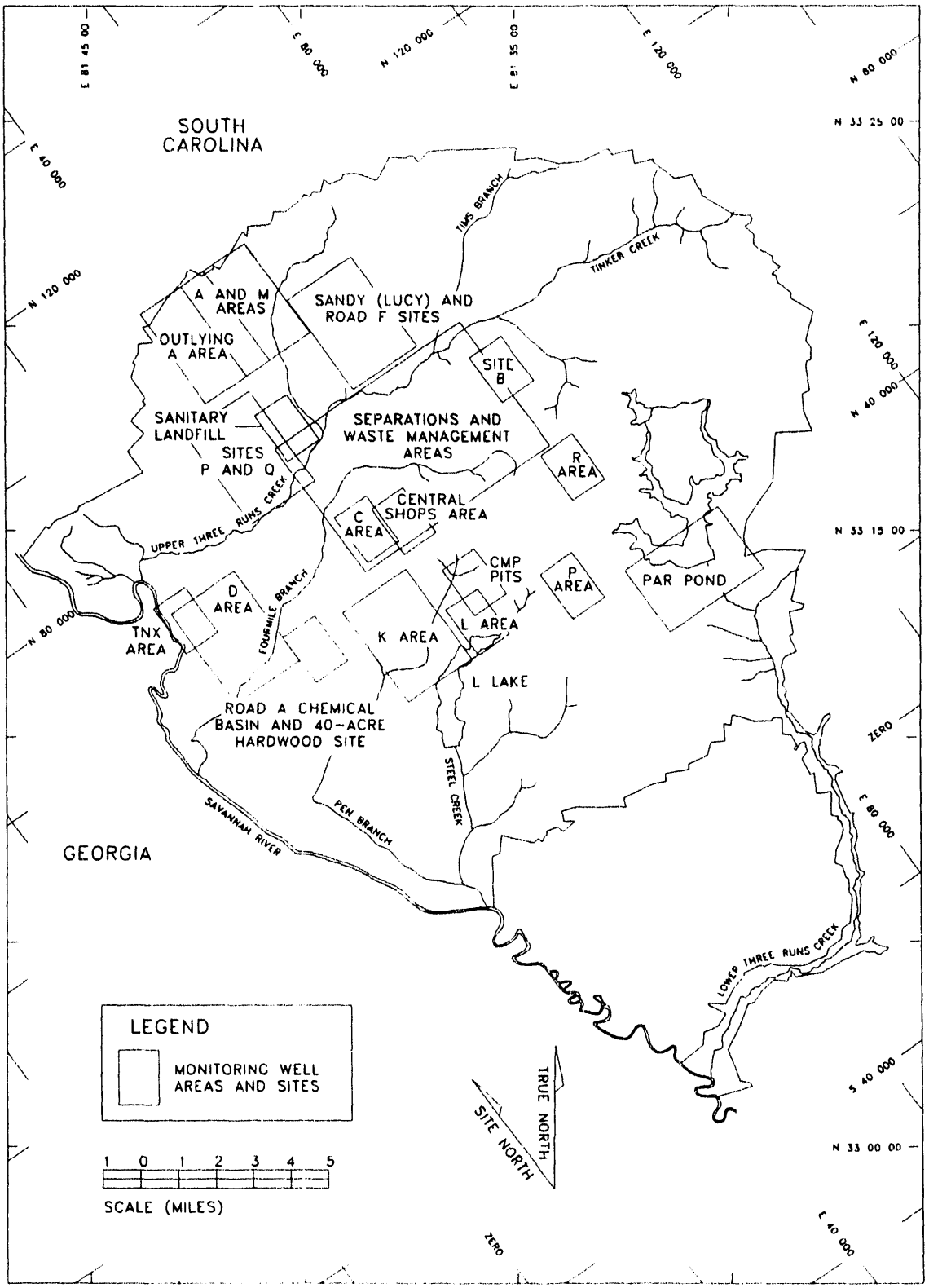



**Figure 1. Areas and Locations Monitored for Groundwater Quality at the Savannah River Site**

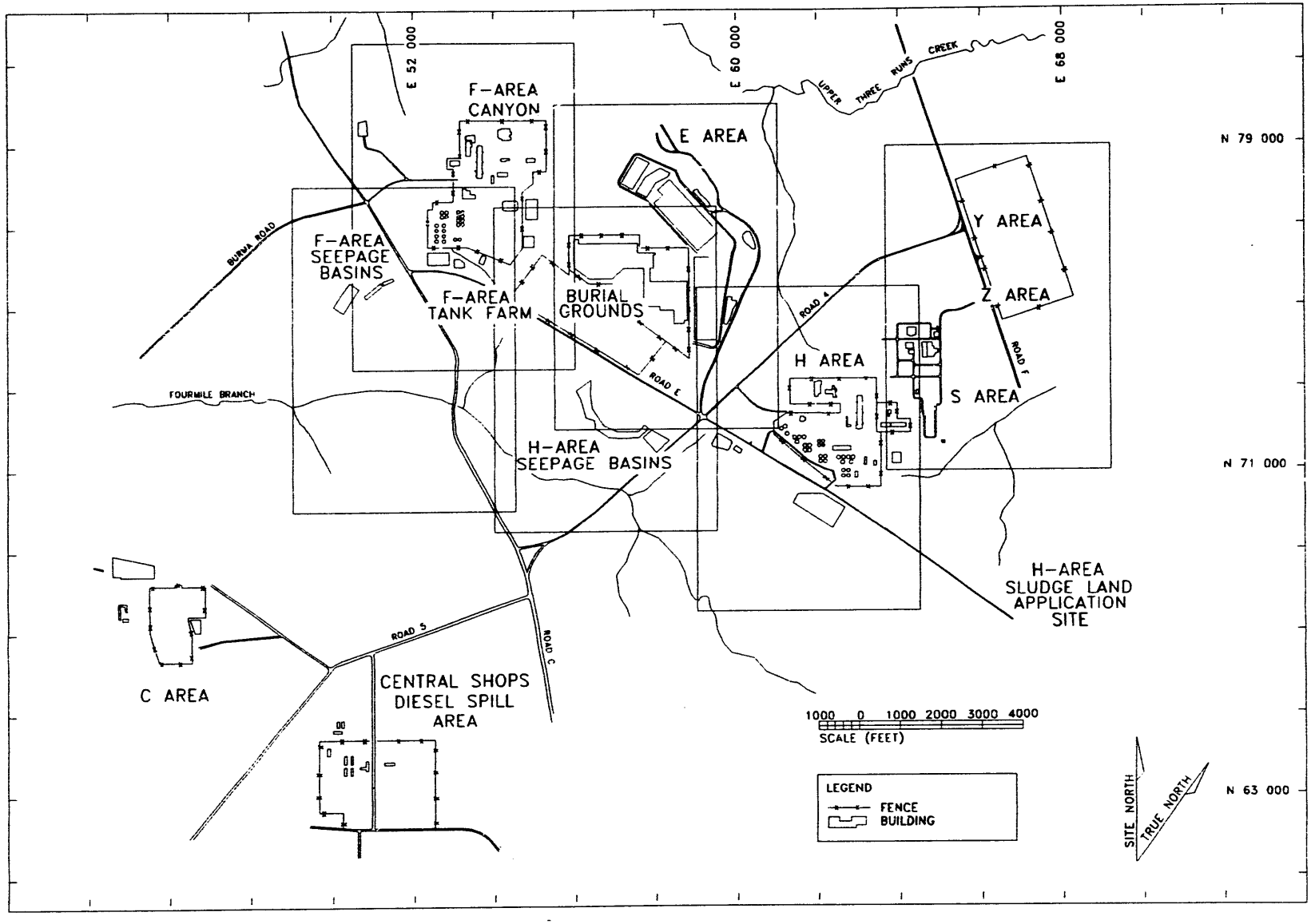



**Figure 2. Separations and Waste Management Areas Monitored for Groundwater Quality**

## NOTES

# 3. FLAGGING CRITERIA

Analyses in the data tables are assigned a flagging level (0, 1, or 2) depending on their concentration in a groundwater sample. Beginning in 1991, EPD/EMS modified its guidelines for setting flagging levels for the Groundwater Monitoring Program. The flagging criteria in Table 2 were determined as follows.

*Flag 0*: Analytical results below Flag 1 or for a constituent having no flagging criteria are classified as Flag 0.

*Flag 1*: The Flag 1 criterion for a constituent was set as one-half of the Environmental Protection Agency (EPA) final primary drinking water standard, the EPA proposed primary drinking water standard, or the EPA secondary drinking water standard for that constituent. If a constituent did not have an EPA drinking water standard, the Flag 1 criterion was set as five times a recently published 90th percentile detection limit obtained by one of the primary laboratories.

*Flag 2*: The Flag 2 criterion for a constituent was set as the EPA final primary drinking water standard, the EPA proposed primary drinking water standard, or the EPA secondary drinking water standard for that constituent. If a constituent does not have a drinking water standard, the Flag 2 criterion was set as 10 times a recently published 90th percentile detection limit obtained by one of the primary laboratories.

The following major cations, aesthetic analyses, and indicator parameters are not assigned flagging criteria: alkalinity, calcium, color, corrosivity, magnesium, odor, potassium, silica, sodium, total dissolved solids, total phosphorus, total phosphates (as P), and turbidity.

Common laboratory contaminants and cleaners, including ketones, dichloromethane (methylene chloride), and phthalates, are not assigned flagging criteria.

The following acronyms are used as abbreviated sources in the flagging criteria table. Complete information concerning documents cited can be found in the **References** section of this document.

APHA Method—A specific analytical method for testing constituent levels in a sample as established by the American Public Health Association, American Water Works Association, and Water Pollution Control Federation. See American Public Health Association et al. in **References.**

DWS—Drinking Water Standards.

EPA—Environmental Protection Agency.

EPA Method—A specific analytical method for testing constituent levels. Descriptions of these methods may be found in the EPA publications *Methods for Chemical Analysis of Water and Wastes* and *Test Methods for Evaluating Solid Waste*, and in the *Code of Federal Regulations*, Title 40, Part 136. See Environmental Protection Agency in **References.**

EPD/EMS—The Environmental Protection Department, Environmental Monitoring Section, at the Savannah River Site.

# FLAGGING CRITERIA

**Table 2. Flagging Criteria**

| Analyte | Unit | Flag 1 | Flag 2 | Source |
|---|---|---|---|---|
| Acenaphthene | µg/L | 50 | 100 | EPA Method 8270 |
| Acenaphthylene | µg/L | 50 | 100 | EPA Method 8270 |
| Acetone | µg/L | 50 | 100 | * |
| Acetonitrile (Methyl cyanide) | µg/L | 500 | 1,000 | EPA Method 8240 |
| Acetophenone | µg/L | 50 | 100 | EPA Method 8270 |
| 2-Acetylaminofluorene | µg/L | 50 | 100 | EPA Method 8270 |
| Acrolein | µg/L | 100 | 200 | EPA Method 8240 |
| Acrylonitrile | µg/L | 100 | 200 | EPA Method 8240 |
| Aldrin | µg/L | 2.5 | 5 | EPA Method 8080 |
| Allyl chloride | µg/L | 250 | 500 | EPA Method 8240 |
| Aluminum | µg/L | 25 | 50 | Secondary DWS (CFR, 1991c) |
| 4-Aminobiphenyl | µg/L | 50 | 100 | EPA Method 8270 |
| Ammonia | µg/L | 500 | 1,000 | APHA Method 417B |
| Ammonia nitrogen | µg/L | 50 | 100 | EPA Method 350.1 |
| Aniline | µg/L | 50 | 100 | EPA Method 8270 |
| Anthracene | µg/L | 50 | 100 | EPA Method 8270 |
| Antimony | µg/L | 2.5 | 5 | Proposed DWS (EPA, 1990) |
| Aramite | µg/L | 50 | 100 | EPA Method 8270 |
| Arsenic | µg/L | 25 | 50 | Final DWS (EPA, 1991b) |
| Barium | µg/L | 1,000 | 2,000 | Final DWS (EPA, 1991b) |
| Benzene | µg/L | 2.5 | 5 | Final DWS (EPA, 1991b) |
| alpha-Benzene hexachloride | µg/L | 2.5 | 5 | EPA Method 8080 |
| beta-Benzene hexachloride | µg/L | 2.5 | 5 | EPA Method 8080 |
| delta-Benzene hexachloride | µg/L | 2.5 | 5 | EPA Method 8080 |
| Benzidine | µg/L | 250 | 500 | EPA Method 8270 |
| Benzo[*a*]anthracene | µg/L | 0.05 | 0.1 | Proposed DWS (EPA, 1990) |
| Benzo[*b*]fluoranthene | µg/L | 0.1 | 0.2 | Proposed DWS (EPA, 1990) |
| Benzo[*k*]fluoranthene | µg/L | 0.1 | 0.2 | Proposed DWS (EPA, 1990) |
| Benzoic acid | µg/L | 250 | 500 | EPA Method 8270 |
| Benzo[*g,h,i*]perylene | µg/L | 50 | 100 | EPA Method 8270 |
| Benzo[*a*]pyrene | µg/L | 0.1 | 0.2 | Proposed DWS (EPA, 1990) |
| 1,4-Benzoquinone | µg/L | 50 | 100 | EPA Method 8270 |
| Benzyl alcohol | µg/L | 100 | 200 | EPA Method 8270 |
| Beryllium | µg/L | 0.5 | 1 | Proposed DWS (EPA, 1990) |
| Bis(2-chloroethoxy) methane | µg/L | 50 | 100 | EPA Method 8270 |
| Bis(2-chloroethyl) ether | µg/L | 50 | 100 | EPA Method 8270 |
| Bis(2-chloroisopropyl) ether | µg/L | 50 | 100 | EPA Method 8270 |
| Bis(chloromethyl) ether | µg/L | 50 | 100 | EPA Method 8270 |
| Bromide | µg/L | 5,000 | 10,000 | EPA Method 300.0 |
| Bromodichloromethane | µg/L | 50 | 100 | Final DWS† (EPA, 1991b) |
| Bromoform | µg/L | 50 | 100 | Final DWS† (EPA, 1991b) |
| Bromomethane (Methyl bromide) | µg/L | 5 | 10 | EPA Method 8240 |
| 4-Bromophenyl phenyl ether | µg/L | 50 | 100 | EPA Method 8270 |
| 2-sec-Butyl-4,6-dinitrophenol | µg/L | 3.5 | 7 | Proposed DWS (EPA, 1990) |
| Cadmium | µg/L | 2.5 | 5 | Final DWS (EPA, 1991b) |
| Carbonate | µg/L | 500 | 1,000 | EPA Method 310.1 |
| Carbon disulfide | µg/L | 5 | 10 | EPA Method 8240 |
| Carbon tetrachloride | µg/L | 2.5 | 5 | Final DWS (EPA, 1991b) |
| Chlordane | µg/L | 1 | 2 | Final DWS (EPA, 1991b) |

* General Engineering's detection limit and the Flag 2 criterion for acetone, a common laboratory contaminant, are set at 100 µg/L.

† Based on the drinking water standard for total trihalomethanes.

**Table 2. Flagging Criteria** (cont.)

| Analyte | Unit | Flag 1 | Flag 2 | Source |
|---|---|---|---|---|
| Chloride | µg/L | 125,000 | 250,000 | Secondary DWS (EPA, 1991c) |
| 4-Chloroaniline | µg/L | 50 | 100 | EPA Method 8270 |
| Chlorobenzene | µg/L | 5 | 10 | EPA Method 8240 |
| Chlorobenzilate | µg/L | 50 | 100 | EPA Method 8270 |
| para-Chloro-meta-cresol | µg/L | 50 | 100 | EPA Method 8270 |
| Chloroethane | µg/L | 5 | 10 | EPA Method 8240 |
| Chloroethene (Vinyl chloride) | µg/L | 1 | 2 | Final DWS (EPA, 1991b) |
| Chloroethyl vinyl ether | µg/L | 5 | 10 | EPA Method 8240 |
| 2-Chloroethyl vinyl ether | µg/L | 5 | 10 | EPA Method 8240 |
| Chloroform | µg/L | 50 | 100 | Final DWS† (EPA, 1991b) |
| Chloromethane (Methyl chloride) | µg/L | 5 | 10 | EPA Method 8240 |
| 2-Chloronaphthalene | µg/L | 50 | 100 | EPA Method 8240 |
| 2-Chlorophenol | µg/L | 50 | 100 | EPA Method 8270 |
| 4-Chlorophenyl phenyl ether | µg/L | 50 | 100 | EPA Method 8270 |
| Chloroprene | µg/L | 1,000 | 2,000 | EPA Method 8240 |
| Chromium | µg/L | 50 | 100 | Final DWS (EPA, 1991b) |
| Chrysene | µg/L | 0.1 | 0.2 | Proposed DWS (EPA, 1990) |
| Cobalt | µg/L | 20 | 40 | EPA Method 6010 |
| Copper | µg/L | 650 | 1,300 | Final DWS (EPA, 1991b) |
| m-Cresol (3-Methylphenol) | µg/L | 50 | 100 | EPA Method 8270 |
| o-Cresol (2-Methylphenol) | µg/L | 50 | 100 | EPA Method 8270 |
| p-Cresol (4-Methylphenol) | µg/L | 50 | 100 | EPA Method 8270 |
| Cyanide | µg/L | 100 | 200 | Proposed DWS (EPA, 1990) |
| p,p'-DDD | µg/L | 2.5 | 5 | EPA Method 8080 |
| p,p'-DDE | µg/L | 2.5 | 5 | EPA Method 8080 |
| p,p'-DDT | µg/L | 2.5 | 5 | EPA Method 8080 |
| Diallate | µg/L | 50 | 100 | EPA Method 8270 |
| Dibenz[*a*,*h*]anthracene | µg/L | 0.15 | 0.3 | Proposed DWS (EPA, 1990) |
| Dibenzofuran | µg/L | 50 | 100 | EPA Method 8270 |
| Dibromochloromethane | µg/L | 50 | 100 | Final DWS† (EPA, 1991b) |
| Dibromochloropropane | µg/L | 0.1 | 0.2 | Final DWS (EPA, 1991b) |
| 1,2-Dibromo-3-chloropropane | µg/L | 0.1 | 0.2 | Final DWS (EPA, 1991b) |
| 1,2-Dibromoethane | µg/L | 100 | 200 | EPA Method 8240 |
| Dibromomethane (Methylene bromide) | µg/L | 5 | 10 | EPA Method 8240 |
| 1,2-Dichlorobenzene | µg/L | 300 | 600 | Final DWS (EPA, 1991b) |
| 1,3-Dichlorobenzene | µg/L | 50 | 100 | EPA Method 8270 |
| 1,4-Dichlorobenzene | µg/L | 37.5 | 75 | Final DWS (EPA, 1991b) |
| 3,3'-Dichlorobenzidine | µg/L | 50 | 100 | EPA Method 8270 |
| trans-1,4-Dichloro-2-butene | µg/L | 150 | 300 | EPA Method 8240 |
| Dichlorodifluoromethane | µg/L | 5 | 10 | EPA Method 8240 |
| 1,1-Dichloroethane | µg/L | 5 | 10 | EPA Method 8240 |
| 1,2-Dichloroethane | µg/L | 2.5 | 5 | Final DWS (EPA, 1991b) |
| cis-1,2-Dichloroethene | µg/L | 35 | 70 | Final DWS (EPA, 1991b) |
| 1,1-Dichloroethylene | µg/L | 3.5 | 7 | Final DWS (EPA, 1991b) |
| 1,2-Dichloroethylene | µg/L | 25 | 50 | EPA Method 8240 |
| trans-1,2-Dichloroethylene | µg/L | 50 | 100 | Final DWS (EPA, 1991b) |
| 2,4-Dichlorophenol | µg/L | 50 | 100 | EPA Method 8270 |
| 2,6-Dichlorophenol | µg/L | 50 | 100 | EPA Method 8270 |
| 2,4-Dichlorophenoxyacetic acid | µg/L | 35 | 70 | Final DWS (EPA, 1991b) |
| 1,2-Dichloropropane | µg/L | 2.5 | 5 | Final DWS (EPA, 1991b) |

† Based on the drinking water standard for total trihalomethanes.

**Table 2. Flagging Criteria** (cont.)

| Analyte | Unit | Flag 1 | Flag 2 | Source |
|---|---|---|---|---|
| cis-1,3-Dichloropropene | µg/L | 5 | 10 | EPA Method 8240 |
| trans-1,3-Dichloropropene | µg/L | 5 | 10 | EPA Method 8240 |
| Dieldrin | µg/L | 2.5 | 5 | EPA Method 8080 |
| Dimethoate | µg/L | 50 | 100 | EPA Method 8270 |
| p-Dimethylaminoazobenzene | µg/L | 50 | 100 | EPA Method 8270 |
| p-(Dimethylamino)ethylbenzene | µg/L | 50 | 100 | EPA Method 8270 |
| 7,12-Dimethylbenz[*a*]anthracene | µg/L | 50 | 100 | EPA Method 8270 |
| 3,3'-Dimethylbenzidine | µg/L | 50 | 100 | EPA Method 8270 |
| a,a-Dimethylphenethylamine | µg/L | 50 | 100 | EPA Method 8270 |
| 2,4-Dimethyl phenol | µg/L | 50 | 100 | EPA Method 8270 |
| 1,3-Dinitrobenzene | µg/L | 50 | 100 | EPA Method 8270 |
| 4,6-Dinitro-ortho-cresol | µg/L | 250 | 500 | EPA Method 8270 |
| 2,4-Dinitrophenol | µg/L | 250 | 500 | EPA Method 8270 |
| 2,4-Dinitrotoluene | µg/L | 50 | 100 | EPA Method 8270 |
| 2,6-Dinitrotoluene | µg/L | 50 | 100 | EPA Method 8270 |
| 1,4-Dioxane | µg/L | 50 | 100 | EPA Method 8270 |
| Diphenylamine | µg/L | 50 | 100 | EPA Method 8270 |
| 1,2-Diphenylhydrazine | µg/L | 50 | 100 | EPA Method 8270 |
| Dissolved organic carbon | µg/L | 5,000 | 10,000 | EPA Method 9060 |
| Disulfoton | µg/L | 50 | 100 | EPA Method 8270 |
| alpha-Endosulfan | µg/L | 50 | 100 | EPA Method 8270 |
| beta-Endosulfan | µg/L | 50 | 100 | EPA Method 8270 |
| Endosulfan I | µg/L | 2.5 | 5 | EPA Method 8080 |
| Endosulfan II | µg/L | 2.5 | 5 | EPA Method 8080 |
| Endosulfan sulfate | µg/L | 2.5 | 5 | EPA Method 8080 |
| Endrin | µg/L | 0.1 | 0.2 | Final DWS (EPA, 1991b) |
| Endrin aldehyde | µg/L | 2.5 | 5 | EPA Method 8080 |
| Ethylbenzene | µg/L | 350 | 700 | Final DWS (EPA, 1991b) |
| Ethyl methacrylate | µg/L | 50 | 100 | EPA Method 8270 |
| Ethyl methanesulfonate | µg/L | 50 | 100 | EPA Method 8270 |
| Famphur | µg/L | 50 | 100 | EPA Method 8270 |
| Fluoranthene | µg/L | 50 | 100 | EPA Method 8270 |
| Fluorene | µg/L | 50 | 100 | EPA Method 8270 |
| Fluoride | µg/L | 2,000 | 4,000 | Final DWS (EPA, 1991b) |
| Heptachlor | µg/L | 0.2 | 0.4 | Final DWS (EPA, 1991b) |
| Heptachlor epoxide | µg/L | 0.1 | 0.2 | Final DWS (EPA, 1991b) |
| 1,2,3,4,6,7,8-HPCDD | µg/L | .00325 | .00650 | EPA Method 8280 |
| Heptachlorodibenzo-p-dioxin isomers | µg/L | .00325 | .00650 | EPA Method 8280 |
| 1,2,3,4,6,7,8-HPCDF | µg/L | .00225 | .00450 | EPA Method 8280 |
| Heptachlorodibenzo-p-furan isomers | µg/L | .00225 | .00450 | EPA Method 8280 |
| Hexachlorobenzene | µg/L | 0.5 | 1 | Proposed DWS (EPA, 1990) |
| Hexachlorobutadiene | µg/L | 50 | 100 | EPA Method 8270 |
| Hexachlorocyclopentadiene | µg/L | 25 | 50 | Proposed DWS (EPA, 1990) |
| 1,2,3,4,7,8-HXCDD | µg/L | .00225 | .00450 | EPA Method 8280 |
| Hexachlorodibenzo-p-dioxin isomers | µg/L | .00225 | .00450 | EPA Method 8280 |
| 1,2,3,4,7,8-HXCDF | µg/L | .00200 | .00400 | EPA Method 8280 |
| Hexachlorodibenzo-p-furan isomers | µg/L | .00200 | .00400 | EPA Method 8280 |
| Hexachloroethane | µg/L | 50 | 100 | EPA Method 8270 |
| Hexachlorophene | µg/L | 250 | 500 | EPA Method 8270 |
| Hexachloropropene | µg/L | 50 | 100 | EPA Method 8270 |
| 2-Hexanone | µg/L | 100 | 200 | EPA Method 8240 |
| Indeno[1,2,3-c,*d*]pyrene | µg/L | 50 | 100 | EPA Method 8270 |
| Iodine | µg/L | 500 | 1,000 | APHA Method 415 |
| Iodomethane (Methyl iodide) | µg/L | 75 | 150 | EPA Method 8240 |

**Table 2. Flagging Criteria** (cont.)

| Analyte | Unit | Flag 1 | Flag 2 | Source |
|---|---|---|---|---|
| Iron | µg/L | 150 | 300 | Secondary DWS (EPA, 1991c) |
| Isobutyl alcohol | µg/L | 500 | 1,000 | EPA Method 8240 |
| Isodrin | µg/L | 50 | 100 | EPA Method 8270 |
| Isophorone | µg/L | 50 | 100 | EPA Method 8270 |
| Isosafrole | µg/L | 50 | 100 | EPA Method 8270 |
| Kepone | µg/L | 50 | 100 | EPA Method 8270 |
| Lead | µg/L | 7.5 | 15 | Final DWS (EPA, 1991b) |
| Lindane | µg/L | 0.1000 | 0.2000 | Final DWS (EPA, 1991b) |
| Lithium | µg/L | 25 | 50 | EPA Method 6010 |
| Manganese | µg/L | 25 | 50 | Secondary DWS (EPA, 1991b) |
| Mercury | µg/L | 1 | 2 | Final DWS (EPA, 1991b) |
| Methacrylonitrile | µg/L | 250 | 500 | EPA Method 8240 |
| Methapyrilene | µg/L | 50 | 100 | EPA Method 8270 |
| Methoxychlor | µg/L | 20 | 40 | Final DWS (EPA, 1991b) |
| 3-Methylcholanthrene | µg/L | 50 | 100 | EPA Method 8270 |
| 2-Methyl-4,6-dinitrophenol | µg/L | 250 | 500 | EPA Method 8270 |
| Methyl methacrylate | µg/L | 50 | 100 | EPA Method 8270 |
| Methyl methanesulfonate | µg/L | 50 | 100 | EPA Method 8270 |
| 2-Methylnaphthalene | µg/L | 50 | 100 | EPA Method 8270 |
| Molybdenum | µg/L | 250 | 500 | EPA Method 6010 |
| Naphthalene | µg/L | 50 | 100 | EPA Method 8270 |
| 1,4-Naphthoquinone | µg/L | 50 | 100 | EPA Method 8270 |
| 1-Naphthylamine | µg/L | 50 | 100 | EPA Method 8270 |
| 2-Naphthylamine | µg/L | 50 | 100 | EPA Method 8270 |
| Nickel | µg/L | 50 | 100 | Proposed DWS (EPA, 1990) |
| Nitrate as nitrogen | µg/L | 5,000 | 10,000 | Final DWS (EPA, 1991b) |
| Nitrate-nitrite as nitrogen | µg/L | 5,000 | 10 000 | Final DWS (EPA, 1991b) |
| Nitrite as nitrogen | µg/L | 500 | 1,000 | Final DWS (EPA, 1991b) |
| 2-Nitroaniline | µg/L | 50 | 100 | EPA Method 8270 |
| 3-Nitroaniline | µg/L | 50 | 100 | EPA Method 8270 |
| 4-Nitroaniline | µg/L | 50 | 100 | EPA Method 8270 |
| Nitrobenzene | µg/L | 50 | 100 | EPA Method 8270 |
| Nitrogen by Kjeldahl method | µg/L | 500 | 1,000 | EPA Method 351.2 |
| 2-Nitrophenol | µg/L | 50 | 100 | EPA Method 8270 |
| 4-Nitrophenol | µg/L | 50 | 100 | EPA Method 8270 |
| 4-Nitroquinoline-1-oxide | µg/L | 50 | 100 | EPA Method 8270 |
| N-Nitrosodi-n-butylamine | µg/L | 50 | 100 | EPA Method 8270 |
| N-Nitrosodiethylamine | µg/L | 50 | 100 | EPA Method 8270 |
| N-Nitrosodimethylamine | µg/L | 50 | 100 | EPA Method 8270 |
| N-Nitrosodiphenylamine | µg/L | 50 | 100 | EPA Method 8270 |
| N-Nitrosodipropylamine | µg/L | 50 | 100 | EPA Method 8270 |
| N-Nitrosomethylethylamine | µg/L | 50 | 100 | EPA Method 8270 |
| N-Nitrosomorpholine | µg/L | 50 | 100 | EPA Method 8270 |
| N-Nitrosopiperidine | µg/L | 50 | 100 | EPA Method 8270 |
| N-Nitrosopyrrolidine | µg/L | 50 | 100 | EPA Method 8270 |
| 5-Nitro-o-toluidine | µg/L | 50 | 100 | EPA Method 8270 |
| Octachlorodibenzo-p-dioxin isomers | µg/L | 0.00500 | 0.01000 | EPA Method 8280 |
| Octachlorodibenzo-p-furan isomers | µg/L | 0.00500 | 0.01000 | EPA Method 8280 |
| Oil & grease | µg/L | 5,000 | 10,000 | EPA Method 413.1 |
| Parathion | µg/L | 2.500 | 5.000 | EPA Method 8080 |
| Parathion methyl | µg/L | 2.500 | 5.000 | EPA Method 8080 |
| PCB 1016 | µg/L | 0.25 | 0.50 | Final DWS (EPA, 1991b) |
| PCB 1221 | µg/L | 0.25 | 0.50 | Final DWS (EPA, 1991b) |
| PCB 1232 | µg/L | 0.25 | 0.50 | Final DWS (EPA, 1991b) |

**Table 2. Flagging Criteria** (cont.)

| Analyte | Unit | Flag 1 | Flag 2 | Source |
|---|---|---|---|---|
| PCB 1242 | µg/L | 0.25 | 0.50 | Final DWS (EPA, 1991b) |
| PCB 1248 | µg/L | 0.25 | 0.50 | Final DWS (EPA, 1991b) |
| PCB 1254 | µg/L | 0.25 | 0.50 | Final DWS (EPA, 1991b) |
| PCB 1260 | µg/L | 0.25 | 0.50 | Final DWS (EPA, 1991b) |
| PCB 1262 | µg/L | 0.25 | 0.50 | Final DWS (EPA, 1991b) |
| Pentachlorobenzene | µg/L | 50 | 100 | EPA Method 8270 |
| 1,2,3,7,8-PCDD | µg/L | 0.00275 | 0.00550 | EPA Method 8280 |
| Pentachlorodibenzo-p-dioxin isomers | µg/L | 0.00275 | 0.00550 | EPA Method 8280 |
| 1,2,3,7,8-PCDF | µg/L | 0.00275 | 0.00550 | EPA Method 8280 |
| Pentachlorodibenzo-p-furan isomers | µg/L | 0.00275 | 0.00550 | EPA Method 8280 |
| Pentachloroethane | µg/L | 50 | 100 | EPA Method 8270 |
| Pentachloronitrobenzene | µg/L | 50 | 100 | EPA Method 8270 |
| Pentachlorophenol | µg/L | 0.5 | 1 | Final DWS (EPA, 1991b) |
| pH | pH | 8 | 10 | Set by EPD/EMS* |
| pH | pH | 4 | 3 | Set by EPD/EMS* |
| Phenacetin | µg/L | 50 | 100 | EPA Method 8270 |
| Phenanthrene | µg/L | 50 | 100 | EPA Method 8270 |
| Phenol | µg/L | 50 | 100 | EPA Method 8270 |
| Phenols | µg/L | 25 | 50 | EPA Method 420.1 |
| p-Phenylenediamine | µg/L | 50 | 100 | EPA Method 8270 |
| Phorate | µg/L | 2.5 | 5 | EPA Method 8080 |
| 2-Picoline | µg/L | 50 | 100 | EPA Method 8270 |
| Pronamid | µg/L | 50 | 100 | EPA Method 8270 |
| Propionitrile | µg/L | 1,000 | 2,000 | EPA Method 8240 |
| Pyrene | µg/L | 50 | 100 | EPA Method 8270 |
| Pyridine | µg/L | 50 | 100. | EPA Method 8270 |
| Safrole | µg/L | 50 | 100 | EPA Method 8270 |
| Selenium | µg/L | 25 | 50 | Final DWS (EPA, 1991b) |
| Silver | µg/L | 25 | 50 | Final DWS (EPA, 1991b) |
| Specific conductance | µS/cm | 250 | 500 | Set by EPD/EMS* |
| Styrene | µg/L | 50 | 100 | Final DWS (EPA, 1991b) |
| Sulfate | µg/L | 200,000 | 400,000 | Proposed DWS (EPA, 1990) |
| Sulfide | µg/L | 5,000 | 10,000 | EPA Method 9030 |
| Sulfotepp | µg/L | 50 | 100 | EPA Method 8270 |
| 1,2,4,5-Tetrachlorobenzene | µg/L | 50 | 100 | EPA Method 8270 |
| 2,3,7,8-TCDD | µg/L | 0.00225 | 0.00450 | EPA Method 8280 |
| 2,3,7,8-TCDF | µg/L | 0.00200 | 0.00400 | EPA Method 8280 |
| Tetrachlorodibenzo-p-dioxin isomers | µg/L | 0.00225 | 0.00450 | EPA Method 8280 |
| Tetrachlorodibenzo-p-furan isomers | µg/L | 0.00200 | 0.00400 | EPA Method 8280 |
| 1,1,1,2-Tetrachloroethane | µg/L | 5 | 10 | EPA Method 8240 |
| 1,1,2,2-Tetrachloroethane | µg/L | 5 | 10 | EPA Method 8240 |
| Tetrachloroethylene | µg/L | 2.5 | 5 | Final DWS (EPA, 1991b) |
| 2,3,4,6-Tetrachlorophenol | µg/L | 50 | 100 | EPA Method 8270 |
| Tetraethyl dithiopyrophosphate | µg/L | 50 | 100 | EPA Method 8270 |
| Thallium | µg/L | 0.5 | 1 | Proposed DWS (EPA, 1990) |
| Thionazin | µg/L | 50 | 100 | EPA Method 8270 |
| Tin | µg/L | 10 | 20 | EPA Method 282.2 |
| Toluene | µg/L | 500 | 1,000 | Final DWS (EPA, 1991b) |
| o-Toluidine | µg/L | 50 | 100 | EPA Method 8270 |
| Total carbon | µg/L | 5,000 | 10,000 | EPA Method 9060 |
| Total hydrocarbons | µg/L | 5,000 | 10,000 | EPA Method 418.1 |

* Will not trigger scheduling of samples.

**Table 2. Flagging Criteria** (cont.)

| Analyte | Unit | Flag 1 | Flag 2 | Source |
|---|---|---|---|---|
| Total inorganic carbon | µg/L | 5,000 | 10,000 | EPA Method 9060 |
| Total organic carbon | µg/L | 5,000 | 10,000 | EPA Method 9060 |
| Total organic halogens | µg/L | 25 | 50 | EPA Method 9020 |
| Total organic nitrogen | µg/L | 500 | 1,000 | APHA Method 420 |
| Total petroleum hydrocarbons | µg/L | 5,000 | 10,000 | EPA Method 418.1 |
| Total silica | µg/L | 500 | 1,000 | EPA Method 6010 |
| Toxaphene | µg/L | 1.5 | 3 | Final DWS (EPA, 1991b) |
| 2,4,5-T | µg/L | 2.5 | 5 | EPA Method 8150 |
| 2,4,5-TP (Silvex) | µg/L | 25 | 50 | Final DWS (EPA, 1991b) |
| Tributyl phosphate | µg/L | 50 | 100 | EPA Method 8270 |
| 1,2,4-Trichlorobenzene | µg/L | 4.5 | 9 | Proposed DWS (EPA, 1990) |
| 1,1,1-Trichloroethane | µg/L | 100 | 200 | Final DWS (EPA, 1991b) |
| 1,1,2-Trichloroethane | µg/L | 2.5 | 5 | Proposed DWS (EPA, 1990) |
| Trichloroethylene | µg/L | 2.5 | 5 | Final DWS (EPA, 1991b) |
| Trichlorofluoromethane | µg/L | 5 | 10 | EPA Method 8240 |
| 2,4,5-Trichlorophenol | µg/L | 50 | 100 | EPA Method 8270 |
| 2,4,6-Trichlorophenol | µg/L | 50 | 100 | EPA Methol 8270 |
| 1,2,3-Trichloropropane | µg/L | 5 | 10 | EPA Method 8240 |
| O,O,O-Triethyl phosphorothioate | µg/L | 50 | 100 | EPA Method 8270 |
| 1,3,5-Trinitrobenzene | µg/L | 50 | 100 | EPA Method 8270 |
| Uranium | µg/L | 10 | 20 | Proposed DWS (EPA, 1991d) |
| Vanadium | µg/L | 50 | 100 | EPA Method 6010 |
| Vinyl acetate | µg/L | 5 | 10 | EPA Method 8240 |
| Xylenes | µg/L | 5,000 | 10,000 | Final DWS (EPA, 1991b) |
| Zinc | µg/L | 2,500 | 5,000 | Secondary DWS (EPA, 1991b) |
| Americium-241 | µCi/mL | 3.17E-09 | 6.34E-09 | Proposed DWS (EPA, 1991d) |
| Americium-243 | µCi/mL | 3.19E-09 | 6.37E-09 | Proposed DWS (EPA, 1991d) |
| Antimony-125 | µCi/mL | 1.5E-07 | 3E-07 | Final DWS (EPA, 1977) |
| Barium-140 | µCi/mL | 4.5E-08 | 9E-08 | Final DWS (EPA, 1977) |
| Beryllium-7 | µCi/mL | 3E-06 | 6E-06 | Final DWS (EPA, 1977) |
| Carbon-14 | µCi/mL | 1E-06 | 2E-06 | Final DWS (EPA, 1977) |
| Cerium-141 | µCi/mL | 1.5E-07 | 3E-07 | Final DWS (EPA, 1977) |
| Cerium-144 | µCi/mL | 1.31E-07 | 2.61E-07 | Proposed DWS (EPA, 1991d) |
| Cesium-134 | µCi/mL | 4.07E-08 | 8.13E-08 | Proposed DWS (EPA, 1991d)* |
| Cesium-137 | µCi/mL | 1E-07 | 2E-07 | Final DWS (EPA, 1977) |
| Chromium-51 | µCi/mL | 3E-06 | 6E-06 | Final DWS (EPA, 1977) |
| Cobalt-57 | µCi/mL | 5E-07 | 1E-06 | Final DWS (EPA, 1977) |
| Cobalt-58 | µCi/mL | 4.5E-06 | 9E-06 | Final DWS (EPA, 1977) |
| Cobalt-60 | µCi/mL | 5E-08 | 1E-07 | Final DWS (EPA, 1977) |
| Curium-242 | µCi/mL | 6.65E-08 | 1.33E-07 | Proposed DWS (EPA, 1991d) |
| Curium-243 | µCi/mL | 4.15E-09 | 8.3E-09 | Proposed DWS (EPA, 1991d) |
| Curium-244 | µCi/mL | 4.92E-09 | 9.84E-09 | Proposed DWS (EPA, 1991d) |
| Curium-246 | µCi/mL | 3.14E-09 | 6.27E-09 | Proposed DWS (EPA, 1991d) |
| Europium-154 | µCi/mL | 1E-07 | 2E-07 | Final DWS (EPA, 1977) |
| Europium-155 | µCi/mL | 3E-07 | 6E-07 | Final DWS (EPA, 1977) |
| Gross alpha | µCi/mL | 7.5E-09 | 1.5E-08 | Final DWS (EPA, 1991b) |
| Iodine-129 | µCi/mL | 5E-10 | 1E-09 | Final DWS (EPA, 1977) |
| Iodine-131 | µCi/mL | 1.5E-09 | 3E-09 | Final DWS (EPA, 1977) |
| Iron-55 | µCi/mL | 1E-06 | 2E-06 | Final DWS (EPA, 1977) |
| Iron-59 | µCi/mL | 1E-07 | 2E-07 | Final DWS (EPA, 1977) |

* EPD/EMS set these flagging criteria using the 1991 proposed DWS because the final DWS in 1977 may have been in error.

**Table 2. Flagging Criteria** (cont.)

| Analyte | Unit | Flag 1 | Flag 2 | Source |
|---|---|---|---|---|
| Lanthanum-140 | µCi/mL | 3E-08 | 6E-08 | Final DWS (EPA, 1977) |
| Manganese-54 | µCi/mL | 1.5E-07 | 3E-07 | Final DWS (EPA, 1977) |
| Neptunium-237 | µCi/mL | 3.53E-09 | 7.06E-09 | Proposed DWS (EPA, 1991d) |
| Nickel-59 | µCi/mL | 1.5E-07 | 3E-07 | Final DWS (EPA, 1977) |
| Nickel 63 | µCi/mL | 2.5E-08 | 5E-08 | Final DWS (EPA, 1977) |
| Niobium-95 | µCi/mL | 1.5E-07 | 3E-07 | Final DWS (EPA, 1977) |
| Nonvolatile beta | µCi/mL | 2.5E-08 | 5E-08 | Proposed DWS (EPA, 1986a) |
| Plutonium-238 | µCi/mL | 3.51E-09 | 7.02E-09 | Proposed DWS (EPA, 1991d) |
| Plutonium-239 | µCi/mL | 3.11E-08 | 6.21E-08 | Proposed DWS (EPA, 1991d) |
| Plutonium-239/240 | µCi/mL | 3.11E-08 | 6.21E-08 | Proposed DWS (EPA, 1991d)* |
| Plutonium-240 | µCi/mL | 3.11E-08 | 6.22E-08 | Proposed DWS (EPA, 1991d) |
| Plutonium-241 | µCi/mL | 3.13E-08 | 6.26E-08 | Proposed DWS (EPA, 1991d) |
| Plutonium-242 | µCi/mL | 3.27E-08 | 6.54E-08 | Proposed DWS (EPA, 1991d) |
| Potassium-40 | µCi/mL | 1.5E-07 | 3E-07 | Proposed DWS (EPA, 1986a) |
| Radium-226 | µCi/mL | 7.85E-09 | 1.57E-08 | Proposed DWS (EPA, 1991d) |
| Radium-228 | µCi/mL | 3.93E-09 | 7.85E-09 | Proposed DWS (EPA, 1991d) |
| Radon-222 | µCi/mL | 1.5E-07 | 3E-07 | Proposed DWS (EPA, 1991d) |
| Ruthenium-103 | µCi/mL | 1E-07 | 2E-07 | Final DWS (EPA, 1977) |
| Ruthenium-106 | µCi/mL | 1.5E-08 | 3E-08 | Final DWS (EPA, 1977) |
| Sodium-22 | µCi/mL | 2.33E-07 | 4.66E-07 | Proposed DWS (EPA, 1991d) |
| Strontium-89 | µCi/mL | 1E-08 | 2E-08 | Final DWS (EPA, 1977) |
| Strontium-89/90 | µCi/mL | 4E-09 | 8E-09 | Final DWS (EPA, 1991b)* |
| Strontium-90 | µCi/mL | 4E-09 | 8E-09 | Final DWS (EPA, 1991b) |
| Technetium-99 | µCi/mL | 4.5E-07 | 9E-07 | Final DWS (EPA, 1977) |
| Thorium-228 | µCi/mL | 6.25E-08 | 1.25E-07 | Proposed DWS (EPA, 1991d) |
| Thorium-230 | µCi/mL | 3.96E-08 | 7.92E-08 | Proposed DWS (EPA, 1991d) |
| Thorium-232 | µCi/mL | 4.4E-08 | 8.8E-08 | Proposed DWS (EPA, 1991d) |
| Thorium-234 | µCi/mL | 2E-07 | 4.01E-07 | Proposed DWS (EPA, 1991d) |
| Tin-113 | µCi/mL | 1.5E-07 | 3E-07 | Final DWS (EPA, 1977) |
| Total alpha-emitting radium (radium-223, -224, and -226) | µCi/mL | 2.5E-09 | 5E-09 | Final DWS for radium-226 plus -228 (EPA, 1991b) |
| Tritium | µCi/mL | 1E-05 | 2E-05 | Final DWS (EPA, 1991b) |
| Uranium alpha activity | µCi/mL | 1.5E-08 | 3E-08 | Proposed DWS (EPA, 1991d) |
| Uranium-233/234 | µCi/mL | 6.9E-09 | 1.38E-08 | Proposed DWS (EPA, 1991d)* |
| Uranium-234 | µCi/mL | 6.95E-09 | 1.39E-08 | Proposed DWS (EPA, 1991d) |
| Uranium-235 | µCi/mL | 7.25E-09 | 1.45E-08 | Proposed DWS (EPA, 1991d) |
| Uranium-238 | µCi/mL | 7.3E-09 | 1.46E-08 | Proposed DWS (EPA, 1991d) |
| Zinc-65 | µCi/mL | 1.5E-07 | 3E-07 | Final DWS (EPA, 1977) |
| Zirconium-95 | µCi/mL | 1E-07 | 2E-07 | Final DWS (EPA, 1977) |
| Zirconium/Niobium-95 | µCi/mL | 1E-07 | 2E-07 | Final DWS (EPA, 1977)* |

* When radionuclide analyses are combined, the lower DWS of the two isotopes is used for flagging.

# 4. SAMPLE SCHEDULING

Scheduling of sampling and analyses for the SRS Groundwater Monitoring Program conducted by EPD/EMS is determined by several factors. Comprehensive analyses (see Table 4) are scheduled on a regular basis. Additional scheduling is based on previous flagging levels, regulatory requirements, and special requests that fall within the scope of the Groundwater Monitoring Program. All this information was used to generate *The Savannah River Site's Groundwater Monitoring Program 1992 Sampling Schedule.*

A breakdown by laboratory of the total number of analyses performed for third quarter 1992 is shown in Table 3.

**Table 3. Number of Analyses Performed During Third Quarter 1992**

| Laboratory | # of Analyses |
|---|---|
| Clemson Technical Center, Inc. | 1,679 |
| Environmental Physics, Inc. | 9,968 |
| EPD/EMS Laboratory | 656 |
| General Engineering Laboratories | 109,482 |
| Spencer Testing Services, Inc. | 29 |
| Teledyne Isotopes | 107 |
| TMA/Eberline | 1,076 |
| Roy F. Weston, Inc. | 30,385 |

## COMPREHENSIVE ANALYSES

New wells are scheduled initially for four quarters of comprehensive analyses, except that the herbicide/pesticide suite is scheduled only during the first of the four quarters. Comprehensive analyses include indicator parameters, groundwater quality characteristics, and some drinking water characteristics. After the initial four quarters of analyses for new wells, comprehensive analyses including herbicides/pesticides are scheduled once every two years. Wells sampled exclusively for radionuclide analyses are not included in these biennial comprehensive analyses.

**Table 4. Comprehensive-Analyses Constituents**

Arsenic
Barium
Cadmium
Chloride
Chromium
Fluoride
Herbicides/pesticides (suite)
- 2,4-Dichlorophenoxyacetic acid
- Endrin
- Lindane
- Methoxychlor
- Toxaphene
- 2,4,5-TP (Silvex)

Iron
Lead
Major ions (suite)
- Alkalinity (field measurement)
- Calcium
- Magnesium
- Potassium
- Silica

Manganese
Mercury
Nitrate as nitrogen
pH
Phenols
Selenium
Silver
Sodium
Specific conductance
Sulfate
Total dissolved solids
Total organic carbon
Total organic halogens
Total phosphates (as P)
Gross alpha
Nonvolatile beta
Total radium (total alpha-emitting radium may be substituted)
Tritium

# SAMPLE SCHEDULING

### Scheduling Based on Flagging Levels

Beginning first quarter 1992, only the flagging criteria for comprehensive and herbicide/pesticide analyses are used to trigger scheduling. Wells are grouped for scheduling by the monitoring site or by the investigation for which they are sampled. Specific criteria for Flag 1 and Flag 2 designations are found in the **Flagging Criteria** section of this report.

Constituents classified as Flag 0 in each well series are scheduled for analyses only by custodian request or as part of the biennial comprehensive analysis program. If an analytical result for a constituent of comprehensive analyses in any well exceeds Flag 1, all wells in the same scheduling series are sampled and analyzed for that constituent once a year. If a constituent falls below Flag 1 for three consecutive sampling episodes, the individual well's flag is reduced from Flag 1 status to Flag 0 status and the flagging-based sampling ceases.

If an analytical result for a comprehensive-analyses constituent exceeds Flag 2, all wells in the same scheduling series are sampled and analyzed for that constituent twice a year. If a constituent falls below Flag 2 for three consecutive sampling episodes, the individual well's flag is reduced from Flag 2 status to Flag 1 or Flag 0 status, depending on the results, and the well is scheduled according to the lower flag.

If a comprehensive-analyses constituent has ever been flagged in a well series, it is automatically flagged for all new wells of that series. For removal from a new well, a constituent's flag must follow the rules referred to earlier.

The following constituents, although included in comprehensive analyses, do not receive flagging-based scheduling:

- Two indicator constituents, specific conductance and pH, have flagging criteria but do not trigger the scheduling mechanism.
- No flags are set for the following indicator parameters and major cations: sodium, total dissolved solids, potassium, calcium, magnesium, silica, total phosphates (as P), and alkalinity (a field measurement).

When one of the six constituents of the herbicide/pesticide suite of comprehensives is flagged, the entire suite is flagged for analyses.

### GCMS VOA ANALYSES

Twice a year all total organic halogens (TOH) are reviewed. GCMS VOA analysis is scheduled once for individual wells that have had two results for TOH greater than 10 $\mu$g/L (excluding the first TOH analysis) and have never received GCMS VOA analysis.

### SAMPLING REQUESTS

Many analyses are scheduled at the request of various SRS groups. The person or group requesting the analyses must submit a formal sampling request form to EPD/EMS. If the request is within the scope of the groundwater monitoring program, and if provision for the analyses has been made in the current laboratory contract, the analyses are added to the sampling schedule. Likewise, if a sampling request needs to be deleted, the originator of the request must submit a deletion form.

### Regulatory Requirements

All regulatory sampling requirements, such as those for the Resource Conservation and Recovery Act (RCRA), are scheduled by request.

### PURGE-WATER CONTAINMENT PROGRAM

Beginning in 1991, a purge-water containment program was partially implemented to containerize and properly dispose of the water purged from certain wells before sampling. However, pending full implementation of this program, the following wells that had been scheduled for analyses as part of the groundwater monitoring program during third quarter were not sampled:

| | |
|---|---|
| BGO 26A | LFW 7 |
| BGO 37C | P 28TC |
| CRP 1 | TBG 3 |
| CRP 3 | TBG 4 |
| CSB 2A | TBG 5 |
| CSB 6A | TBG 6 |
| DCB 1A | |

Only water level measurements were taken from the above wells.

## NOTES

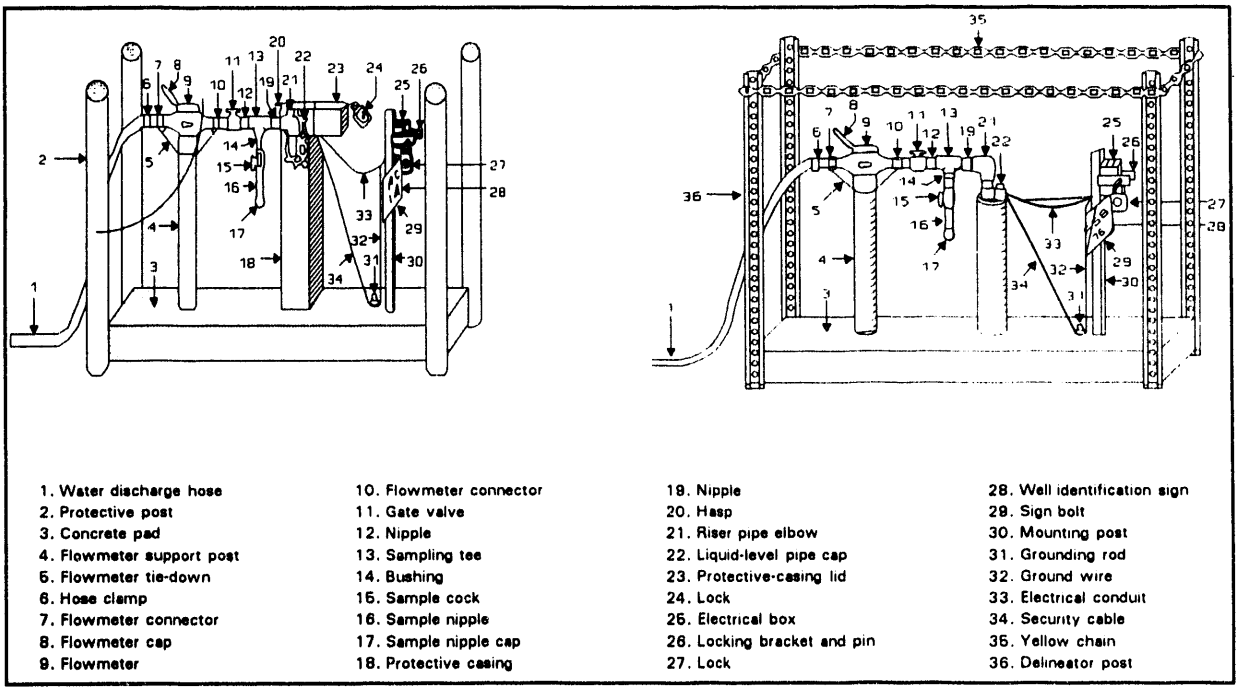
# 5. FIELD NOTES

Sample collection and field data measurements were performed by EPD/EMS personnel and Ge-Hy Environmental Sampling of New Ellenton, SC.

Each sampler maintained a field notebook. These notebooks are located in the third quarter 1992 section of the EPD/EMS Groundwater Monitoring Library. Field measurements may include alkalinity, pH, temperature, specific conductance, air temperature, depth to the water prior to pumping, and volume of water purged prior to sampling.

All well visitations were routine during third quarter 1992 except as indicated in Table 5. The samplers' observations about water samples, well conditions, and any special collection methods are noted in the table. All wells were pumped except for those from the following series, which were bailed: the F series; the FAC series except FAC 4; the FCA series except FCA 19D; the H series; the SSS series except SSS 20. The following individual wells also were bailed, although the other wells in the series were pumped: BG 121; CSD 1D; IDP 3D and 4; IDQ 1; K 301P; MSB 15C, 16C, 17C, 44C, and 46C; SCA 3A and 4A; TBG 5D; and ZBG 1A.

Among Z series wells, only wells Z 3 and Z 9 have casings large enough to allow sampling. Well Z 3 has a bailer stuck in it. All other Z wells have very narrow casings (~ 3/4 in.), making bailing impractical. Even if any Z wells other than Z 9 are scheduled, they are not sampled and water elevation measurements are not taken.



1. Water discharge hose
2. Protective post
3. Concrete pad
4. Flowmeter support post
5. Flowmeter tie-down
6. Hose clamp
7. Flowmeter connector
8. Flowmeter cap
9. Flowmeter
10. Flowmeter connector
11. Gate valve
12. Nipple
13. Sampling tee
14. Bushing
15. Sample cock
16. Sample nipple
17. Sample nipple cap
18. Protective casing
19. Nipple
20. Hasp
21. Riser pipe elbow
22. Liquid-level pipe cap
23. Protective-casing lid
24. Lock
25. Electrical box
26. Locking bracket and pin
27. Lock
28. Well identification sign
29. Sign bolt
30. Mounting post
31. Grounding rod
32. Ground wire
33. Electrical conduit
34. Security cable
35. Yellow chain
36. Delineator post

**Figure 3. Two Types of Groundwater Monitoring Wellheads**

# FIELD NOTES

If a well runs dry during purging before a sample is collected and the well is revisited and sampled within 24 hours, this is considered one sampling event, yielding a single set of field and analytical data. For such wells, the volume purged before the well went dry during the first visitation is given in this section. The total amount of water purged from each well in one sampling event is given in the **Analytical Results** section.

Comments about dry wells, continuously pumping wells, and malfunctioning wells can be found in the **Analytical Results** section.

**Table 5. Comments from the Field Data**

| Well | Date | Comments |
|---|---|---|
| **ABP Series** | | |
| ABP 2A | 07/14/92 | Very weakly turbid; brown; small amount of fine sand |
| ABP 3C | 07/14/92 | Weakly turbid; brown; small amount of fine sand |
| ABP 8C | 07/14/92 | Dry after 4 gal |
| | 07/15/92 | Aerated |
| ABP 8D | 07/14/92 | The well went dry before sampling began; depth to water was unavailable or not reported |
| **ACB Series** | | |
| ACB 2A | 07/03/92 | Discharge hose sprays; aerated |
| ACB 3A | 07/03/92 | Discharge hose leaks |
| **AMB Series** | | |
| AMB 4D | 07/24/92 | Well identification sign reads "AMB 4DR" |
| | 09/26/92 | Well identification sign reads "AMB 4DR" |
| AMB 7 | 07/23/92 | Dry after 7 gal |
| AMB 9D | 07/23/92 | Sample valve doesn't work; discharge hose sprays |
| AMB 10A | 07/22/92 | Dry after 70 gal |
| AMB 11D | 07/23/92 | Sprays from gate valve |
| AMB 13AR | 07/25/92 | Dry after 60 gal |
| **AOB Series** | | |
| AOB 3 | 07/13/92 | Dry after 8 gal |
| | 07/14/92 | Discharge hose sprays |
| **ARP Series** | | |
| ARP 1A | 07/03/92 | Aerated |
| ARP 3 | 08/13/92 | Weakly turbid; light brown |
| ARP 4A | 07/03/92 | Elbow cracked; aerated |
| **ASB Series** | | |
| ASB 3A | 07/16/92 | Discharge-side flowmeter connector leaks |
| ASB 6A | 08/06/92 | Aerated |
| ASB 6C | 08/06/92 | Flowmeter not working, estimated volume purged |
| ASB 6TA | 08/11/92 | Dry after 52 gal |
| **BG Series** | | |
| BG 91 | 07/02/92 | Turbidity varied; light brown |
| BG 92 | 07/01/92 | Dry after ~11.8 gal |
| | 07/02/92 | Very weakly turbid; very light brown |
| BG 93 | 07/01/92 | Flowmeter did not work properly, estimated volume purged |
| BG 96 | 07/02/92 | Very weakly turbid; very light brown |
| BG 101 | 07/06/92 | Very weakly turbid; very light brown |
| BG 104 | 07/01/92 | Dry after ~2 gal |
| | 07/02/92 | No water in standpipe |
| BG 110 | 07/01/92 | Dry after ~33.4 gal |
| BG 121 | 07/01/92 | Dry after ~5.3 gal |
| | 07/02/92 | Weakly turbid; light brown |
| **BGO Series** | | |
| BGO 1D | 07/27/92 | Dry after ~7.9 gal |
| | 07/28/92 | Turbidity varied; light brown; aerated |
| BGO 3D | 07/27/92 | Dry after ~3.6 gal |
| | 07/28/92 | Turbidity varied; light brown; aerated |
| BGO 4D | 08/03/92 | Unable to sample, no access |
| BGO 5C | 07/27/92 | Dry after ~15.4 gal |
| | 07/28/92 | Turbidity varied; light brown |
| BGO 5D | 07/27/92 | Dry after ~4.3 gal |
| | 07/28/92 | Turbidity varied; very light brown |
| BGO 6D | 08/03/92 | Dry after ~5.9 gal |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| BGO 7D | 07/28/92 | No well identification sign |
| BGO 8C | 08/03/92 | No well identification sign |
| BGO 8D | 08/03/92 | No well identification sign; turbidity varied; light brown |
| BGO 9AA | 08/05/92 | Dry after ~38.9 gal; no well identification sign |
| BGO 10AR | 08/04/92 | No well identification sign |
| BGO 10B | 08/10/92 | Dry after ~4.4 gal; no well identification sign |
| BGO 10C | 08/03/92 | Dry after ~34.8 gal |
| BGO 10DR | 08/10/92 | Dry after ~3.3 gal; no well identification sign |
| | 08/11/92 | Turbidity varied; brown |
| BGO 12AR | 08/05/92 | No well identification sign |
| BGO 12CR | 08/03/92 | Dry after ~39.1 gal; no well identification sign |
| BGO 12D | 08/05/92 | Dry after ~7.7 gal |
| | 08/06/92 | Turbidity varied; light brown |
| BGO 13DR | 08/12/92 | Dry after ~8 gal |
| | 08/13/92 | Aerated |
| BGO 14CR | 08/04/92 | Dry after ~14 gal |
| BGO 16A | 08/19/92 | Dry after ~20.1 gal |
| BGO 16D | 08/19/92 | Dry after ~3.8 gal |
| | 08/20/92 | Aerated |
| BGO 17DR | 08/20/92 | Unable to sample, well installation incomplete; no well identification sign |
| BGO 19D | 08/19/92 | Unable to sample, no access, well in a hole |
| BGO 20D | 08/19/92 | Dry after ~7.7 gal |
| | 08/20/92 | Unable to sample, access washed out by heavy rain |
| BGO 21D | 08/19/92 | Dry after ~8.2 gal |
| | 08/20/92 | Turbidity varied; light brown |
| BGO 24D | 08/19/92 | Dry after ~6.6 gal |
| | 08/20/92 | Turbidity varied; light brown |
| BGO 25A | 08/04/92 | Dry after ~18.7 gal |
| BGO 26D | 08/05/92 | Dry after ~7.8 gal |
| BGO 27C | 08/05/92 | Dry after ~11.1 gal |
| | 08/06/92 | Turbidity varied; very light brown |
| BGO 28D | 08/05/92 | Dry after ~7.7 gal |
| | 08/06/92 | Turbidity varied; light brown |
| BGO 29A | 08/05/92 | Dry after ~37.4 gal |
| BGO 29C | 08/05/92 | Dry after ~26 gal |
| BGO 29D | 08/05/92 | Dry after ~9 gal |
| | 08/06/92 | Turbidity varied; light brown |
| BGO 30C | 08/05/92 | Dry after ~20.6 gal |
| | 08/06/92 | Turbidity varied; brown |
| BGO 30D | 08/05/92 | Dry after ~10.5 gal |
| | 08/06/92 | Turbidity varied; very light brown; aerated |
| BGO 31C | 08/12/92 | Dry after ~28.2 gal |
| BGO 31D | 08/12/92 | Dry after ~8.3 gal |
| | 08/13/92 | Turbidity varied; very light brown |
| BGO 32D | 08/12/92 | Dry after ~4.8 gal |
| | 08/13/92 | Turbidity varied; light brown |
| BGO 33D | 08/06/92 | Dry after ~9.6 gal |
| | 08/07/92 | Aerated |
| BGO 34D | 08/06/92 | Dry after ~12.3 gal |
| | 08/07/92 | Aerated |
| BGO 35D | 08/12/92 | Dry after ~8.9 gal |
| | 08/13/92 | Turbidity varied; light brown |
| BGO 36D | 08/06/92 | Dry after ~8 gal |
| | 08/07/92 | Turbidity varied; light brown |
| BGO 37D | 08/06/92 | Dry after ~6.5 gal |
| | 08/07/92 | Turbidity varied; light brown |
| BGO 38D | 08/06/92 | Dry after ~6.5 gal |
| | 08/07/92 | Turbidity varied; light brown; aerated |
| BGO 39D | 08/06/92 | Dry after ~5.1 gal |
| | 08/07/92 | Turbidity varied; light brown |
| BGO 40D | 08/12/92 | Dry after ~1.6 gal |
| | 08/13/92 | Turbidity varied; very light brown; aerated |
| BGO 41A | 08/10/92 | Dry after ~18.6 gal |
| BGO 42C | 08/10/92 | Dry after ~15.1 gal |
| | 08/11/92 | Aerated |
| BGO 43A | 08/10/92 | Dry after ~21.7 gal |
| BGO 43CR | 08/10/92 | Dry after ~20.4 gal; sign reads "BGO 43 CR", handmarked "BGO 43C" in three places |
| BGO 44B | 08/10/92 | Dry after ~34.5 gal |
| | 08/11/92 | Turbidity varied; light brown |
| BGO 44C | 08/10/92 | Dry after ~16.5 gal |
| | 08/11/92 | Turbidity varied; light brown |
| BGO 45B | 08/12/92 | Dry after ~40.2 gal; no well identification sign |
| BGO 45C | 08/12/92 | Dry after ~16.4 gal |
| BGO 46C | 08/12/92 | Dry after ~25.9 gal; no well identification sign |
| | 08/13/92 | Aerated |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| BGO 49D | 08/12/92 | Dry after ~8.2 gal |
| | 08/13/92 | Aerated |
| BGO 50A | 08/12/92 | Dry after ~34.4 gal; no well identification sign |
| BGO 50C | 08/13/92 | Dry after ~33.9 gal; no well identification sign |
| BGO 50D | 08/14/92 | No well identification sign |
| **BGX Series** | | |
| BGX 1A | 07/29/92 | Dry after 10 gal; no well identification sign |
| | 07/30/92 | Aerated |
| BGX 1C | 07/29/92 | Dry after 13 gal; no well identification sign |
| | 07/30/92 | Weakly turbid; brown; aerated |
| BGX 1D | 07/29/92 | Dry after 6 gal; no well identification sign |
| | 07/30/92 | Weakly turbid; brown; aerated |
| BGX 2B | 07/29/92 | Dry after 45 gal |
| | 07/30/92 | Aerated |
| BGX 2D | 07/29/92 | Dry after 18.5 gal |
| | 07/30/92 | Aerated |
| BGX 7D | 07/29/92 | Unable to sample, no access |
| BGX 8DR | 07/31/92 | Well identification sign reads "BGX 8D" |
| BGX 10D | 07/29/92 | Dry after 2.5 gal |
| | 07/30/92 | Turbidity varied; brown; aerated |
| BGX 11D | 07/30/92 | Dry after 6 gal |
| | 07/31/92 | Moderately turbid; orange-brown |
| BGX 12D | 07/29/92 | Dry after 4.5 gal |
| | 07/30/92 | Weakly turbid; brown; aerated |
| **BRD Series** | | |
| BRD 2 | 08/03/92 | Discharge hose sprays; sample nipple snapped at T-joint |
| BRD 3 | 08/03/92 | Dry after 6.5 gal; discharge hose sprays; weakly turbid; brown |
| **BRR Series** | | |
| BRR 1D | 08/22/92 | Dry after 8 gal |
| | 08/23/92 | Turbidity varied; brown |
| BRR 2D | 08/22/92 | Dry after 11 gal |
| BRR 3D | 08/22/92 | Dry after 8 gal |
| | 08/23/92 | Discharge hose leaks |
| BRR 4D | 08/22/92 | Dry after 9 gal |
| | 08/23/92 | Turbidity varied; brown |
| BRR 5D | 08/22/92 | Dry after 6 gal |
| **CBR Series** | | |
| CBR 3D | 07/29/92 | Discharge hose sprays |
| **CCB Series** | | |
| CCB 2 | 07/17/92 | Moderately turbid; red |
| **CDB Series** | | |
| CDB 1 | 08/18/92 | Dry after 13 gal; gate valve leaks when throttled |
| CDB 2 | 08/18/92 | Dry after 10 gal |
| **CMP Series** | | |
| CMP 11 | 09/09/92 | Dry after ~18 gal |
| CMP 11B | 09/10/92 | Discharge hose leaks, sprays |
| CMP 12A | 09/09/92 | Discharge hose leaks, sprays |
| CMP 12B | 09/09/92 | Discharge hose leaks, sprays |
| CMP 13 | 09/09/92 | Dry after ~7.6 gal |
| | 09/10/92 | Very weakly turbid; very light brown |
| CMP 13B | 09/10/92 | Discharge hose leaks, sprays |
| CMP 14B | 09/11/92 | Sample cock broken |
| CMP 15A | 09/09/92 | Discharge hose leaks, sprays |
| CMP 15B | 09/09/92 | Dry after ~20.5 gal |
| CMP 15C | 09/09/92 | Dry after ~10 gal |
| | 09/10/92 | Aerated |
| CMP 16B | 09/09/92 | Discharge hose leaks, sprays |
| CMP 16C | 09/09/92 | Unable to sample, pump has been removed |
| **CSA Series** | | |
| CSA 2 | 07/27/92 | Weakly turbid; brown |
| **CSB Series** | | |
| CSB 1A | 08/01/92 | Dry after 9 gal |
| | 08/02/92 | Discharge hose sprays |
| CSB 3A | 08/01/92 | Dry after 15 gal |
| | 08/02/92 | Very weakly turbid; pink |
| CSB 4A | 08/02/92 | Moderately turbid; red |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| CSB 5A | 08/01/92 | Dry after 8 gal |
| | 08/02/92 | Discharge hose sprays; weakly turbid; pink |
| **CSD Series** | | |
| CSD 1D | 07/29/92 | Dry after 15 gal; moderately turbid; tan |
| CSD 2D | 07/27/92 | Dry after 2 gal; no well identification sign |
| CSD 4D | 07/27/92 | Dry after 16 gal; no well identification sign |
| | 07/28/92 | Aerated |
| CSD 11D | 07/27/92 | Dry after 11 gal |
| | 07/28/92 | Aerated |
| **CSR Series** | | |
| CSR 2 | 07/29/92 | Dry after 17 gal; weakly turbid; brown |
| CSR 3 | 07/29/92 | Dry after 35 gal |
| **DCB Series** | | |
| DCB 4A | 07/01/92 | Flowmeter stopped working, estimated volume purged |
| DCB 6 | 07/01/92 | Dry after 12 gal; no well identification sign |
| DCB 7 | 07/01/92 | No well identification sign; weakly turbid; brown |
| DCB 8 | 07/01/92 | No well identification sign |
| DCB 9 | 07/01/92 | No well identification sign |
| DCB 11 | 07/01/92 | Dry after 10 gal; no well identification sign; weakly turbid; brown |
| DCB 12 | 07/01/92 | No well identification sign |
| DCB 13 | 07/01/92 | Dry after 9 gal; weakly turbid; brown |
| DCB 15 | 07/01/92 | Dry after 7 gal; weakly turbid; brown |
| DCB 16 | 07/01/92 | Dry after 6 gal |
| **F Series** | | |
| F 14 | 08/03/92 | Dry after 250 ml; weakly turbid; orange |
| F 15 | 08/03/92 | Moderately turbid; orange |
| F 16 | 08/03/92 | Strongly turbid; reddish-orange |
| F 17 | 08/03/92 | Dry after 2 gal |
| F 25 | 08/03/92 | Weakly turbid; orange |
| **FAC Series** | | |
| FAC 3 | 08/29/92 | Dry after 9 gal |
| | 08/30/92 | Moderately turbid; yellow-brown; sand |
| FAC 4 | 08/29/92 | Sample valve leaks |
| FAC 5 | 09/02/92 | Turbidity varied; light brown |
| FAC 6 | 08/29/92 | Dry after 10 gal |
| | 08/30/92 | Weakly turbid; light brown |
| FAC 7 | 09/02/92 | Turbidity varied; light brown |
| FAC 8 | 09/02/92 | Turbidity varied; light brown |
| **FAL Series** | | |
| FAL 1 | 09/21/92 | Dry after ~9 gal |
| FAL 2 | 09/21/92 | Dry after ~5.1 gal |
| | 09/22/92 | Moderately turbid; brown |
| **FCA Series** | | |
| FCA 1N | 09/22/92 | Dry after ~1/2 gal |
| | 09/23/92 | Turbidity varied; light brown |
| FCA 2C | 09/21/92 | Dry after ~1.1 gal |
| | 09/22/92 | Turbidity varied; brown |
| FCA 2D | 09/21/92 | Dry after ~4 gal |
| | 09/22/92 | Turbidity varied; brown |
| FCA 9C | 09/21/92 | Unable to sample, trash in well prevented access |
| FCA 9D | 09/21/92 | Dry after ~11.3 gal |
| | 09/22/92 | Turbidity varied; brown |
| FCA 9DR | 09/22/92 | Unable to sample, bailer would not go beyond ~10 ft |
| FCA 10A | 09/22/92 | Dry after ~10 gal; no well identification sign |
| | 09/23/92 | Turbidity varied; brown |
| FCA 10B | 09/22/92 | No well identification sign |
| FCA 10D | 09/21/92 | Dry after ~1.1 gal |
| | 09/22/92 | Turbidity varied; brown; strong odor of freshly painted surface from nearby |
| FCA 16A | 09/22/92 | Dry after ~9 gal |
| | 09/23/92 | Turbidity varied; brown |
| FCA 16B | 09/22/92 | Dry after ~1.3 gal; no well identification sign |
| | 09/23/92 | Turbidity varied; brown |
| FCA 16D | 09/22/92 | Dry after ~2.2 gal |
| | 09/23/92 | Turbidity varied; brown; strong odor of painting in process nearby |
| FCA 16T | 09/22/92 | No well identification sign |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| FCA 19D | 09/21/92 | Dry after ~5 gal |
| | 09/22/92 | No discharge hose |
| **FCB Series** | | |
| FCB 4 | 09/21/92 | Dry after ~14 gal |
| | 09/22/92 | Weakly turbid; light brown |
| FCB 5 | 08/27/92 | Dry after ~3.5 gal |
| FCB 6 | 08/27/92 | Dry after ~1.1 gal |
| **FET Series** | | |
| FET 1D | 07/09/92 | Dry after ~7.8 gal |
| **FIW Series** | | |
| FIW 1ID | 08/18/92 | No well identification sign; weakly turbid; light brown; onion-like odor |
| FIW 1MC | 08/18/92 | No well identification sign |
| FIW 1MD | 08/18/92 | No well identification sign |
| FIW 2C | 08/17/92 | No well identification sign |
| FIW 2IC | 08/17/92 | No well identification sign |
| FIW 2MA | 08/19/92 | No well identification sign; sulfur odor |
| FIW 2MC | 08/18/92 | No well identification sign |
| FIW 2MD | 08/17/92 | No well identification sign; onion-like odor |
| **FNB Series** | | |
| FNB 2 | 08/24/92 | Weakly turbid; light brown |
| **FSB Series** | | |
| FSB 1TA | 07/08/92 | Unable to sample, pump not working |
| | 07/19/92 | No standpipe; no flowmeter |
| FSB 77 | 07/05/92 | Sample nipple broken off at T-joint |
| FSB 78 | 07/05/92 | Surges; aerated |
| FSB 78C | 07/04/92 | Dry after 23 gal |
| | 07/05/92 | Aerated |
| FSB 88D | 07/03/92 | Dry after 7.2 gal |
| FSB 89D | 07/07/92 | Dry after 5 gal |
| FSB 90D | 07/04/92 | Dry after 6 gal |
| | 07/05/92 | Aerated |
| FSB 91C | 07/04/92 | Dry after 20 gal |
| FSB 92D | 07/08/92 | Weakly turbid; yellow |
| FSB 93D | 07/08/92 | Dry after 7 gal |
| FSB 94C | 07/08/92 | Dry after 33 gal |
| FSB 97A | 07/09/92 | Unable to sample, pump not working |
| FSB 97D | 07/16/92 | Well went dry during purging; date, time, and volume of initial sampling attempt were not reported |
| FSB 98D | 07/10/92 | Well went dry during purging; date, time, and volume of initial sampling attempt were not reported |
| FSB 99D | 07/14/92 | Dry after 6 gal |
| FSB108D | 07/13/92 | Dry after 8 gal |
| FSB109D | 07/14/92 | The well went dry during purging; date, time, and volume of the initial sampling attempt were not reported |
| FSB113C | 07/03/92 | Dry after 25 gal |
| | 07/04/92 | Ant body parts |
| FSB114A | 07/04/92 | Surges |
| FSB114C | 07/04/92 | Surges |
| FSB115C | 07/04/92 | Dry after 11 gal; aerated |
| FSB115D | 07/04/92 | Weakly turbid; light brown |
| FSB116D | 07/04/92 | Dry after 2 gal; weakly turbid; brown; aerated |
| FSB120D | 07/16/92 | Dry after 3 gal |
| FSB121DR | 07/19/92 | Dry after 7 gal; no well identification sign; turbidity varied; brown |
| **FSL Series** | | |
| FSL 6D | 08/30/92 | Very weakly turbid; light brown |
| FSL 8D | 08/30/92 | Unable to sample, well installation incomplete |
| **FSS Series** | | |
| FSS 1D | 07/09/92 | Dry after ~6 gal |
| | 07/10/92 | Turbidity varied; light brown |
| FSS 2D | 07/09/92 | Dry after ~9.9 gal |
| | 07/10/92 | Turbidity varied; light brown |
| FSS 3D | 07/09/92 | Dry after ~5.2 gal |
| FSS 4D | 07/09/92 | Dry after ~10.5 gal |
| | 07/10/92 | Turbidity varied; light brown; aerated |
| **GBW Series** | | |
| GBW 1 | 07/25/92 | Dry after 13 gal; very weakly turbid |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| **H Series** | | |
| H 14 | 08/03/92 | Weakly turbid; light brown |
| H 15 | 08/03/92 | Dry after ~300 ml; weakly turbid; orange |
| H 16 | 08/03/92 | Weakly turbid; orange |
| H 17 | 08/03/92 | Dry after 1 gal; weakly turbid; orange |
| H 18A | 08/03/92 | Dry after 6 gal; well identification sign reads "H 18"; weakly turbid; brown |
| **HAC Series** | | |
| HAC 2 | 08/21/92 | Dry after ~6.1 gal |
| HAC 3 | 08/21/92 | Dry after ~8.6 gal |
| **HCA Series** | | |
| HCA 1 | 08/21/92 | Dry after ~14.4 gal |
| HCA 2 | 08/21/92 | Unable to sample, pump would not start |
| HCA 3 | 08/21/92 | Dry after ~11.2 gal; aerated |
| HCA 4 | 08/21/92 | Dry after ~19.4 gal |
| **HCB Series** | | |
| HCB 3 | 07/03/92 | No standpipe cap |
| **HET Series** | | |
| HET 1D | 07/09/92 | Dry after ~14.6 gal |
| HET 2D | 07/09/92 | Dry after ~9.2 gal; no standpipe cap |
| HET 3D | 07/09/92 | Dry after ~11.1 gal |
| HET 4D | 07/09/92 | Dry after ~14.1 gal |
| **HIW Series** | | |
| HIW 1BD | 08/19/92 | No well identification sign |
| HIW 1ID | 08/12/92 | No well identification sign |
| HIW 1MC | 08/19/92 | No well identification sign |
| HIW 1MD | 08/19/92 | No well identification sign; weakly turbid; orange |
| **HMD Series** | | |
| HMD 1D | 07/02/92 | Dry after ~4 gal |
| | 07/03/92 | Turbidity varied; light brown |
| HMD 4D | 07/02/92 | Dry after ~5.4 gal |
| | 07/03/92 | Turbidity varied; light brown |
| **HR3 Series** | | |
| HR3 13 | 08/28/92 | Turbidity varied; light brown |
| **HR8 Series** | | |
| HR8 12 | 08/28/92 | Weakly turbid; very light brown |
| HR8 13 | 08/28/92 | Weakly turbid; light brown |
| HR8 14 | 08/28/92 | Unable to sample, well located inside radiologically controlled area (RCA), no entry allowed at this time |
| **HSB Series** | | |
| HSB 1TB | 07/06/92 | No flowmeter, estimated volume purged; unable to measure water level, no standpipe; no well identification sign |
| HSB 68 | 07/07/92 | Weakly turbid; very light brown |
| HSB 68B | 07/06/92 | Dry after ~45.4 gal |
| | 07/07/92 | Weakly turbid; light brown; aerated |
| HSB 68C | 07/06/92 | Dry after ~20 gal; aerated |
| HSB 70C | 07/07/92 | Dry after ~25.6 gal |
| | 07/08/92 | Aerated |
| HSB 71C | 07/22/92 | Dry after ~21 gal |
| HSB 84B | 07/07/92 | Dry after ~41 gal |
| | 07/08/92 | Aerated |
| HSB 84C | 07/07/92 | Dry after ~14 gal |
| | 07/08/92 | Discharge hose leaks, sprays; aerated |
| HSB 85A | 07/08/92 | Aerated |
| HSB 85B | 07/07/92 | Dry after ~46 gal |
| HSB102D | 07/20/92 | Dry after ~7.3 gal; flowmeter broken off at gate valve, estimated volume purged |
| HSB106D | 07/15/92 | Very weakly turbid; very light brown |
| HSB112E | 07/15/92 | Dry after ~1.6 gal |
| | 07/16/92 | Turbidity varied; light brown |
| HSB115D | 07/15/92 | Dry after ~3.5 gal |
| | 07/16/92 | Turbidity varied; brown |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| HSB116D | 07/16/92 | Riser pipe elbow and bushing leak, spray |
| HSB117A | 07/22/92 | Well pad covered with dirt |
| HSB117C | 07/22/92 | Well pad covered with dirt |
| HSB117D | 07/22/92 | Well pad covered with dirt |
| HSB119A | 07/21/92 | Dry after ~34.5 gal |
| HSB124AR | 07/17/92 | No well identification sign |
| HSB126D | 07/21/92 | Dry after ~7.3 gal |
| HSB129C | 07/21/92 | Dry after ~29 gal |
| HSB132C | 07/23/92 | Dry after ~29 gal |
| | 07/24/92 | Aerated |
| HSB132D | 07/23/92 | Dry after ~6.2 gal |
| HSB136C | 07/21/92 | Dry after ~25 gal |
| HSB137C | 07/21/92 | Dry after ~24 gal |
| HSB137D | 07/21/92 | Discharge hose leaks, sprays |
| HSB139C | 07/22/92 | Dry after ~27 gal |
| HSB139D | 07/22/92 | Discharge hose leaks |
| HSB141C | 07/23/92 | Dry after ~40.2 gal |
| HSB141D | 07/23/92 | Dry after ~13.9 gal |
| | 07/24/92 | Turbidity varied; very light brown; aerated |
| HSB142D | 07/23/92 | Dry after ~3.6 gal |
| HSB147D | 07/27/92 | Dry after ~9.8 gal |
| HSB148C | 07/23/92 | Dry after ~21 gal |
| HSB148D | 07/23/92 | Dry after ~4.7 gal |
| HSB152D | 07/27/92 | No water in standpipe; turbidity varied; light brown; aerated |
| **HSL Series** | | |
| HSL 1D | 08/30/92 | No well identification sign |
| HSL 2D | 09/01/92 | No well identification sign |
| HSL 3D | 09/01/92 | No well identification sign; very weakly turbid; light brown |
| HSL 6D | 09/07/92 | Flowmeter leaks at bottom; weakly turbid; light tan |
| HSL 7D | 09/07/92 | Weakly to moderately turbid; orange-brown |
| HSL 8D | 09/07/92 | Flowmeter leaks at bottom; no well identification sign |
| **HSS Series** | | |
| HSS 1D | 07/09/92 | Dry after ~19.1 gal |
| HSS 3D | 07/09/92 | Dry after ~15.1 gal |
| | 07/10/92 | Weakly turbid; very light brown |
| **HTF Series** | | |
| HTF 2 | 08/24/92 | Unable to sample, highly contaminated area |
| HTF 3 | 08/24/92 | Unable to sample, highly contaminated area |
| HTF 4 | 08/24/92 | Unable to sample, highly contaminated area |
| HTF 5 | 08/24/92 | Unable to sample, pump not working |
| HTF 6 | 08/24/92 | Unable to sample, pump not working |
| HTF 8 | 08/24/92 | Unable to sample, pump not working |
| HTF 34 | 08/20/92 | Unable to sample, pump not working |
| **HXB Series** | | |
| HXB 2 | 07/29/92 | Gate valve leaks |
| HXB 4D | 07/27/92 | Dry after 10 gal; no well identification sign |
| | 07/28/92 | Weakly turbid; brown |
| HXB 5D | 07/27/92 | Dry after 10 gal; no well identification sign |
| | 07/28/92 | Weakly turbid; light brown |
| **IDB Series** | | |
| IDB 1A | 07/18/92 | Dry after 24 gal |
| IDB 1B | 07/18/92 | Dry after 12 gal; weakly turbid; brown |
| IDB 2B | 07/18/92 | Dry after 45 gal |
| IDB 3 | 07/18/92 | Dry after 5 gal |
| IDB 4 | 07/18/92 | Dry after 7.5 gal; no water in standpipe; aerated |
| IDB 5 | 07/18/92 | Dry after 7.5 gal |
| IDB 8 | 07/18/92 | Dry after 9 gal |
| IDB 9 | 07/18/92 | Dry after 29 gal |
| IDB 10 | 07/18/92 | No well identification sign |
| **IDP Series** | | |
| IDP 1 | 07/04/92 | Flowmeter connector leaks |
| IDP 3C | 07/04/92 | Dry after 15 gal |
| IDP 4 | 07/05/92 | Dry after ~4 gal |
| IDP 8 | 07/04/92 | Dry after 10.5 gal |
| IDP 9 | 07/04/92 | Dry after 33 gal |
| **IDQ Series** | | |
| IDQ 2 | 07/10/92 | Dry after 27.5 gal |
| | 07/11/92 | Weakly turbid; brown; fine sand |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| IDQ 3B | 07/10/92 | Dry after 11 gal |
| IDQ 3C | 07/10/92 | Dry after 10 gal |
| IDQ 4 | 07/10/92 | Dry after 11.5 gal |
| IDQ 5 | 07/10/92 | Dry after 3 gal |
| IDQ 6 | 07/10/92 | Dry after 6.5 gal |
| IDQ 7 | 07/10/92 | Dry after 6 gal |
| | 07/11/92 | Gate valve sprays when throttled |
| IDQ 9 | 07/10/92 | Dry after 1.6 gal |
| IDQ 10 | 07/10/92 | Dry after 3.8 gal |
| IDQ 11 | 07/10/92 | Unable to sample, pump has been removed; well struck by lightning |
| **K Series** | | |
| K 301P | 07/19/92 | Weakly turbid; light brown |
| **KAB Series** | | |
| KAB 1 | 07/18/92 | Dry after 11 gal |
| | 07/19/92 | Discharge hose and valve spray; weakly turbid; dark brown |
| KAB 2 | 07/18/92 | Dry after 2 gal |
| | 07/19/92 | Weakly turbid; brown |
| **KAC Series** | | |
| KAC 2 | 08/01/92 | Weakly turbid; light brown |
| KAC 6 | 08/01/92 | Dry after 7 gal |
| KAC 7 | 08/01/92 | Dry after 6 gal |
| KAC 8 | 08/02/92 | No well identification sign |
| KAC 9 | 08/02/92 | No well identification sign |
| **KCB Series** | | |
| KCB 1 | 07/16/92 | Discharge hose sprays; weakly turbid; brown |
| KCB 2 | 07/16/92 | Brown; small amount of sand |
| KCB 4 | 07/16/92 | Well has been abandoned |
| **KDB Series** | | |
| KDB 1 | 08/27/92 | Dry after 16 gal; no discharge hose |
| KDB 2 | 08/27/92 | No discharge hose; leaks at T-joint; aerated |
| KDB 3 | 08/27/92 | Dry after 17 gal |
| **KDT Series** | | |
| KDT 1D | 08/27/92 | Dry after 10.5 gal; no discharge hose; no well identification sign; weakly turbid; tan; aerated |
| **KRB Series** | | |
| KRB 18D | 09/20/92 | Dry after 12 gal |
| KRB 19D | 09/20/92 | Dry after 10 gal |
| **KRP Series** | | |
| KRP 2 | 07/17/92 | Discharge hose sprays |
| **KSB Series** | | |
| KSB 1 | 07/19/92 | Weakly turbid; brown |
| KSB 4A | 07/19/92 | Pump has been removed, unable to sample |
| | 08/31/92 | Moderately turbid; brown |
| **KSM Series** | | |
| KSM 1D | 07/31/92 | Dry after 8 gal; no well identification sign; moderately turbid; brown |
| | 08/27/92 | Dry after 9 gal; no well identification sign; aerated |
| | 09/28/92 | Dry after 9 gal; no well identification sign; moderately turbid; brown |
| **KSS Series** | | |
| KSS 1D | 08/01/92 | Dry after 13 gal; aerated |
| KSS 2D | 08/01/92 | Weakly turbid; tan |
| **LAC Series** | | |
| LAC 2 | 08/01/92 | Very weakly turbid; beige |
| LAC 3 | 08/01/92 | Weakly turbid; brown |
| **LAW Series** | | |
| LAW 1D | 08/01/92 | No discharge hose; no standpipe cap; no well identification sign |
| LAW 3B | 08/01/92 | No discharge hose; T-coupling leaks |
| LAW 3C | 08/01/92 | No sample nipple; T-coupling leaks |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| **LCO Series** | | |
| LCO 1 | 08/27/92 | Discharge hose leaks |
| LCO 2 | 08/27/92 | Discharge hose leaks, sprays |
| LCO 4 | 08/27/92 | Discharge hose leaks, sprays; very weakly turbid; very light brown |
| **LDB Series** | | |
| LDB 1 | 08/26/92 | Dry after 19 gal; unable to measure depth to water due to well encased in insulation; plumbing leaks |
| LDB 2 | 08/26/92 | Dry after 20 gal; unable to measure depth to water due to well encased in insulation; plumbing leaks |
| **LFW Series** | | |
| LFW 8 | 08/25/92 | Weak odor |
| LFW 10A | 08/24/92 | Weak odor |
| LFW 17 | 08/25/92 | Weak odor |
| LFW 18 | 08/25/92 | Weak odor |
| LFW 20 | 08/24/92 | Unable to sample, above-ground plumbing broken |
| LFW 21 | 08/24/92 | Discharge hose leaks, sprays; strong odor |
| LFW 22 | 08/24/92 | Strong odor |
| LFW 28 | 08/31/92 | Dry after ~14 gal |
| LFW 30 | 08/31/92 | T-joint leaks, sprays |
| LFW 36 | 09/01/92 | Very weak odor |
| LFW 37 | 09/01/92 | Very weak odor |
| LFW 40 | 09/01/92 | Weakly turbid; clear to light brown; very weak odor |
| LFW 48D | 09/03/92 | Weak odor |
| LFW 60D | 09/03/92 | Dry after ~10 gal |
| | 09/04/92 | Aerated |
| LFW 62B | 09/08/92 | Moderately turbid; very light brown |
| LFW 62D | 09/03/92 | Dry after ~9 gal |
| | 09/04/92 | Turbidity varied; light brown to clear; aerated |
| **LRP Series** | | |
| LRP 2 | 07/03/92 | Sample valve does not close; discharge hose sprays; aerated |
| **LSB Series** | | |
| LSB 1 | 08/22/92 | Discharge hose sprays |
| **MCB Series** | | |
| MCB 2 | 07/26/92 | Dry after 14 gal |
| MCB 4 | 07/26/92 | Dry after 11 gal |
| MCB 5C | 08/13/92 | Dry after 11.5 gal |
| | 08/14/92 | Weakly turbid; light brown |
| MCB 6 | 07/26/92 | Dry after 4.5 gal |
| MCB 7C | 08/13/92 | Dry after 12 gal |
| **MSB Series** | | |
| MSB 1C | 07/13/92 | Dry after 25 gal |
| MSB 1CC | 07/13/92 | Dry after 11 gal |
| MSB 1D | 07/13/92 | Flowmeter stopped, estimated volume purged |
| MSB 2B | 08/11/92 | Dry after 34 gal |
| | 08/12/92 | Weakly turbid; brown |
| MSB 2C | 08/11/92 | Dry after 9 gal |
| MSB 2D | 07/09/92 | No well identification sign |
| MSB 3C | 08/11/92 | Dry after 14 gal |
| | 08/12/92 | Turbidity varied; brown |
| MSB 3D | 08/11/92 | Pump has been removed, unable to sample |
| MSB 4C | 08/11/92 | Dry after 27 gal |
| MSB 5C | 07/09/92 | Dry after 15 gal |
| MSB 6C | 07/09/92 | Dry after 16 gal |
| MSB 7B | 07/14/92 | Dry after 37 gal |
| MSB 7C | 07/14/92 | Dry after 12 gal |
| MSB 9B | 08/17/92 | Dry after ~7 gal |
| | 08/18/92 | Flowmeter not working, estimated volume purged |
| MSB 9C | 08/18/92 | Flowmeter connector leaks; no water in standpipe |
| MSB 11A | 07/09/92 | No discharge hose |
| MSB 11B | 07/09/92 | No discharge hose; no flowmeter connector |
| MSB 11D | 08/11/92 | Gate valve leaks |
| MSB 11E | 07/09/92 | Metal box ~1 ft above well with line down well; no well identification sign, unable to sample |
| MSB 11F | 08/11/92 | No water in standpipe |
| MSB 13CC | 07/09/92 | Dry after 13 gal |
| MSB 13D | 07/09/92 | Dry after 10 gal |
| MSB 14C | 07/08/92 | Dry after 1 gal; no water in standpipe; weakly turbid; brown; aerated |
| MSB 15C | 08/20/92 | Dry after ~.7 gal |
| | 08/21/92 | Turbidity varied; brown |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| MSB 15D | 08/20/92 | Dry after 2 gal |
| | 08/21/92 | Aerated |
| MSB 16C | 08/20/92 | Dry after ~3 gal |
| | 08/21/92 | Turbidity varied; brown |
| MSB 18B | 07/08/92 | Very weakly turbid; brown |
| MSB 18C | 07/08/92 | Dry after 7 gal |
| MSB 20C | 07/21/92 | Dry after 9.4 gal |
| MSB 24 | 08/13/92 | Dry after 7 gal |
| MSB 24A | 08/13/92 | Pump has been removed, unable to sample |
| MSB 26 | 08/14/92 | No water in standpipe |
| MSB 27A | 08/11/92 | Pump has been removed, unable to sample |
| MSB 29A | 07/26/92 | Elbow leaks |
| MSB 30AA | 08/04/92 | Dry after 72 gal |
| MSB 33A | 07/07/92 | Discharge hose split, sprays |
| MSB 33TA | 07/07/92 | Discharge hose split, sprays |
| MSB 35TA | 08/04/92 | Discharge hose sprays |
| MSB 36A | 07/24/92 | Dry after 82 gal |
| MSB 36D | 07/24/92 | Dry after 4 gal; turbid; brown |
| MSB 37A | 08/08/92 | Dry after 68 gal |
| | 08/09/92 | Leaks around flowmeter glass |
| MSB 37D | 08/08/92 | Pump has been removed, unable to sample |
| MSB 38C | 08/17/92 | Riser pipe elbow, T-joint, and gate valve leak, spray |
| MSB 38D | 08/08/92 | Water level tape was on bottom of standpipe |
| MSB 39A | 07/07/92 | Dry after 61.5 gal |
| MSB 40C | 07/24/92 | Dry after 8 gal |
| MSB 40D | 07/24/92 | Pump has been removed, unable to sample |
| MSB 41D | 08/08/92 | Dry after 0.5 gal |
| | 08/09/92 | No water in standpipe; weakly turbid; brown |
| MSB 42D | 08/07/92 | Pump has been removed, unable to sample |
| MSB 42C | 08/07/92 | Discharge hose sprays |
| MSB 43B | 07/20/92 | Discharge hose leaks |
| MSB 43TA | 07/20/92 | Discharge hose sprays |
| MSB 44A | 08/09/92 | Discharge hose sprays |
| MSB 44B | 08/09/92 | Discharge hose sprays |
| MSB 44C | 08/09/92 | Strongly turbid; brown; sand |
| MSB 46A | 08/08/92 | Dry after 46 gal; leaks at elbow and T-joint |
| MSB 46B | 08/09/92 | No water in standpipe |
| MSB 46C | 08/09/92 | Moderately turbid; brown |
| MSB 48D | 07/25/92 | Dry after 3 gal |
| | 07/26/92 | Weakly turbid; brown |
| MSB 49D | 08/06/92 | Dry after 13 gal |
| MSB 51D | 07/25/92 | Dry after 7 gal |
| | 07/26/92 | Weakly turbid; brown; aerated |
| MSB 52D | 08/08/92 | Dry after 5 gal |
| MSB 53B | 08/08/92 | Discharge hose connection to flowmeter leaks |
| MSB 53D | 08/08/92 | Aerated |
| MSB 54TA | 07/25/92 | Discharge hose sprays |
| MSB 55B | 07/25/92 | No standpipe cap |
| MSB 55HC | 08/20/92 | Dry after 9 gal; weakly turbid; light brown |
| MSB 56D | 08/07/92 | Discharge hose sprays; aerated |
| MSB 57D | 07/25/92 | Dry after 13 gal |
| MSB 58D | 08/17/92 | Dry after ~9.3 gal |
| | 08/18/92 | Turbidity varied; clear to light brown |
| MSB 60D | 07/25/92 | Dry after 13 gal |
| MSB 61D | 08/08/92 | Dry after 8 gal; weakly turbid; brown; aerated |
| MSB 62D | 07/21/92 | Dry after 6.5 gal |
| MSB 63D | 07/22/92 | Dry after 8 gal |
| MSB 66D | 08/09/92 | Pump not working; discharge hose not connected to flowmeter, unable to sample |
| MSB 68B | 08/07/92 | No well identification sign |
| MSB 68D | 08/13/92 | No well identification sign |
| MSB 69C | 08/07/92 | Dry after 29 gal |
| MSB 70D | 08/08/92 | Dry after 3 gal; no well identification sign |
| MSB 71B | 08/08/92 | Dry after 43 gal |
| MSB 74B | 08/21/92 | Weakly turbid; light brown |
| MSB 74C | 08/08/92 | Dry after 17 gal |
| MSB 74D | 08/08/92 | Dry after 7 gal |
| | 08/09/92 | Very weakly turbid; brown |
| MSB 75B | 08/21/92 | No well identification sign |
| MSB 75C | 08/08/92 | Dry after 4 gal |
| MSB 76C | 08/21/92 | No well identification sign |
| MSB 77C | 07/26/92 | Weakly turbid; tan |
| MSB 77D | 07/25/92 | Dry after 9 gal |
| | 07/26/92 | Very weakly turbid; tan |
| MSB 77TA | 07/25/92 | Dry after 54.5 gal |
| MSB 78D | 08/08/92 | Pump has been removed, unable to sample |
| MSB 79B | 08/08/92 | Dry after 36 gal |
| MSB 79C | 08/08/92 | Dry after 6 gal |
| MSB 82A | 08/09/92 | Dry after 30 gal |
| MSB 83D | 08/09/92 | Dry after 10 gal |
| MSB 85C | 08/10/92 | Dry after 44 gal |
| MSB 85TA | 08/09/92 | Dry after 34 gal |
| | 08/10/92 | Weakly turbid; olive-green; diesel-like odor |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| MSB 86C | 08/10/92 | Moderately turbid; light brown |
| **MWD Series** | | |
| MWD 1A | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 1B | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 1C | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 1D | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 2A | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 2C | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 2D | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 3A | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 5A | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 5C | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 5D | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 8 | 08/30/92 | Unable to sample, well installation incomplete; well identification sign reads "MWD 8D" |
| MWD 9 | 08/30/92 | Unable to sample, well installation incomplete; well identification sign reads "MWD 9D" |
| MWD 10 | 08/30/92 | Unable to sample, well installation incomplete |
| MWD 11 | 08/30/92 | Unable to sample, well installation incomplete |
| **NBG Series** | | |
| NBG 1 | 09/21/92 | Dry after ~11 gal |
| NBG 2 | 09/21/92 | Dry after ~14.2 gal |
| NBG 3 | 09/21/92 | Dry after ~12 gal |
| | 09/22/92 | Weakly turbid; light brown |
| NBG 4 | 09/21/92 | Dry after ~10 gal |
| | 09/22/92 | Top plumbing leaks |
| NBG 5 | 09/21/92 | Dry after ~5.7 gal |
| | 09/22/92 | Flowmeter leaks from bottom plug |
| **NPM Series** | | |
| NPM 1 | 08/28/92 | Unable to sample, well installation incomplete |
| NPM 1A | 08/28/92 | Unable to sample, well installation incomplete |
| NPM 2 | 08/28/92 | Dry after 16 gal |
| NPM 4 | 08/28/92 | Dry after 42 gal |
| NPM 4DD | 08/28/92 | Dry after 8 gal |
| NPM 19C | 08/28/92 | Dry after 45 gal |
| | 08/29/92 | Weakly turbid; light brown; aerated |
| NPM 19E | 08/28/92 | Dry after 22 gal |
| NPM 34B | 08/28/92 | Dry after 27 gal |
| | 08/29/92 | Aerated |
| NPM 34D | 08/28/92 | Dry after 71 gal |
| | 08/29/92 | Weakly turbid; light brown |
| **P Series** | | |
| P 14C | 09/20/92 | No flowmeter, estimated volume purged; no well identification sign; weakly turbid; tan; small amount of fine sand |
| P 14TA | 09/20/92 | Unable to sample, no generator available to power pump; no well identification sign |
| P 14TB | 09/20/92 | No well identification sign |
| P 14TC | 09/20/92 | Unable to sample, no generator available to power pump; no well identification sign |
| P 26A | 09/16/92 | Unable to sample, pump pulled out, special study in progress; no well identification sign |
| P 26B | 09/16/92 | No well identification sign |
| P 26D | 09/17/92 | No well identification sign |
| P 29C | 08/31/92 | No discharge hose; no well identification sign |
| P 29TA | 08/31/92 | No well identification sign |
| P 29TC | 08/31/92 | No well identification sign |
| **PAC Series** | | |
| PAC 5 | 08/15/92 | Dry after 10 gal |
| PAC 6 | 08/15/92 | Dry after 10 gal |
| **PCB Series** | | |
| PCB 1A | 08/23/92 | Discharge hose sprays |
| PCB 2A | 08/23/92 | Discharge hose sprays |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| PCB 4A | 08/23/92 | Discharge hose sprays; sample valve leaks |
| **PDB Series** | | |
| PDB 2 | 08/26/92 | Leaks at T-joint; aerated |
| PDB 3 | 08/26/92 | Well located inside barricaded area next to open hole |
| **PRP Series** | | |
| PRP 3 | 08/23/92 | Flowmeter not working, estimated volume purged |
| **PSB Series** | | |
| PSB 5A | 08/26/92 | Discharge hose leaks, sprays |
| PSB 6A | 08/26/92 | Flowmeter not working, estimated volume purged |
| **PSS Series** | | |
| PSS 3D | 08/23/92 | Dry after 5 gal; no water in standpipe; weakly turbid; light brown |
| **RAC Series** | | |
| RAC 1 | 08/22/92 | Moderately turbid; white |
| **RCP Series** | | |
| RCP 1A | 09/18/92 | No discharge hose; sign reads "RCP 1D" |
| RCP 1D | 09/18/92 | No discharge hose; sign reads "RCP 1A" |
| **RDB Series** | | |
| RDB 1D | 09/18/92 | Dry after ~16.2 gal; very weakly turbid, very light brown |
| RDB 3D | 09/18/92 | Weakly turbid; light brown |
| **RRP Series** | | |
| RRP 2 | 08/22/92 | Discharge hose sprays |
| **RSE Series** | | |
| RSE 12 | 09/16/92 | Unable to sample, puller stuck in well |
| RSE 24 | 09/18/92 | Dry after ~37.5 gal |
| RSE 25 | 09/18/92 | Dry after ~25.4 gal |
| **RSF Series** | | |
| RSF 1 | 09/15/92 | No well identification sign |
| RSF 2 | 09/15/92 | Discharge hose leaks, sprays; no well identification sign |
| RSF 3 | 09/15/92 | No well identification sign |
| **RWM Series** | | |
| RWM 1 | 07/13/92 | No water in standpipe; aerated |
| | 08/11/92 | No water in standpipe; aerated |
| | 09/12/92 | No water in standpipe; aerated |
| RWM 2 | 07/13/92 | No water in standpipe; aerated |
| | 08/11/92 | No water in standpipe; aerated |
| | 09/12/92 | No water in standpipe; aerated |
| RWM 16 | 08/21/92 | No well identification sign |
| **SBG Series** | | |
| SBG 3 | 08/14/92 | No discharge hose |
| **SCA Series** | | |
| SCA 3 | 09/28/92 | Dry after ~14 gal; no discharge hose; weakly turbid; light brown |
| SCA 3A | 09/28/92 | Dry after ~2.9 gal; turbidity varied; light brown |
| SCA 4 | 09/28/92 | Dry after ~10 gal; turbidity varied; light brown |
| SCA 4A | 09/28/92 | Dry after ~1.5 gal; turbidity varied; brown |
| SCA 5 | 09/28/92 | Dry after ~8 gal; no discharge hose; weakly turbid; light brown |
| SCA 6 | 09/28/92 | Dry after ~11.5 gal; weakly turbid; light brown |
| **SLP Series** | | |
| SLP 1 | 08/14/92 | No discharge hose; weakly turbid; light brown |
| SLP 2 | 08/14/92 | No discharge hose |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| **SRW Series** | | |
| SRW 1 | 07/11/92 | Pump has been removed, unable to sample |
| SRW 2 | 07/11/92 | Very weakly turbid; tan |
| SRW 9 | 07/12/92 | Discharge hose sprays |
| SRW 9A | 07/12/92 | Discharge hose sprays |
| SRW 9B | 07/12/92 | Discharge hose sprays |
| SRW 10 | 07/13/92 | No water in standpipe; sample T split and sprays; discharge hose sprays; surges |
| SRW 11 | 07/13/92 | Discharge hose split |
| SRW 14C | 07/12/92 | No water in standpipe; discharge hose sprays |
| SRW 15A | 07/11/92 | Discharge hose sprays |
| SRW 15B | 07/11/92 | Discharge hose sprays |
| SRW 15C | 07/11/92 | Discharge hose sprays |
| SRW 16A | 07/11/92 | Dry after 23 gal |
| | 07/12/92 | Moderately turbid; brown |
| SRW 16B | 07/11/92 | Discharge hose sprays |
| **SSS Series** | | |
| SSS 1 | 08/25/92 | Strongly turbid; brown; sand |
| SSS 2 | 08/25/92 | Moderately turbid; tan |
| SSS 3 | 08/25/92 | Dry after 5 gal |
| | 08/25/92 | Moderately turbid; brown |
| SSS 4 | 08/16/92 | Strongly turbid; orange; sand |
| SSS 5 | 08/16/92 | Moderately turbid; orange-brown, sand |
| SSS 6 | 08/16/92 | Strongly turbid; orange; sand |
| SSS 7 | 08/16/92 | Moderately turbid; orange-brown |
| SSS 8 | 08/16/92 | Strongly turbid; orange; sand |
| SSS 10 | 08/25/92 | Moderately turbid; yellow-brown |
| SSS 11 | 08/25/92 | Dry after 1.5 L |
| | 08/26/92 | Strongly turbid; brown; sand |
| SSS 12 | 08/25/92 | Dry after 1.2 L |
| | 08/26/92 | Strongly turbid; brown |
| SSS 17 | 08/16/92 | Strongly turbid; red; sand |
| SSS 19 | 08/16/92 | Dry after ~2 gal; weakly turbid; light brown |
| SSS 21 | 08/16/92 | Dry after ~3 L; moderately turbid; yellow-brown |
| SSS 22 | 08/25/92 | Moderately turbid; light brown |
| SSS 23 | 08/25/92 | Moderately turbid; orange-brown |
| SSS 24 | 08/16/92 | Dry after ~550 ml; strongly turbid; brown; sand |
| | 08/25/92 | Dry after ~4.6 L |
| | 08/26/92 | Strongly turbid; brown; sand |
| SSS 25 | 08/16/92 | Moderately turbid; light brown |
| SSS 26 | 08/15/92 | Strongly turbid; pink; sand |
| SSS 27 | 08/16/92 | Moderately turbid; brown |
| **TBG Series** | | |
| TBG 1 | 09/21/92 | T-joint leaks |
| **TNX Series** | | |
| TNX 3D | 09/16/92 | Dry after ~7.6 gal |
| | 09/17/92 | Turbidity varied; light brown |
| TNX 4D | 09/16/92 | Dry after ~9.1 gal |
| | 09/17/92 | Turbidity varied; light brown |
| TNX 5D | 09/16/92 | Dry after ~3.9 gal |
| TNX 6D | 09/16/92 | Dry after ~7.3 gal |
| TNX 11D | 09/17/92 | Turbidity varied; brown |
| **XSB Series** | | |
| XSB 1A | 09/11/92 | Gate valve and discharge hose leak |
| XSB 2D | 09/16/92 | Dry after ~8 gal |
| | 09/17/92 | Aerated |
| **YSB Series** | | |
| YSB 1A | 09/16/92 | Very weakly turbid; very light brown |
| YSB 2A | 09/16/92 | Discharge hose leaks, sprays |
| YSB 4A | 09/16/92 | Very weakly turbid; very light brown |
| **YSC Series** | | |
| YSC 1A | 08/25/92 | Unable to sample, well hit by lightning; no well identification sign |
| YSC 1C | 08/25/92 | No well identification sign |
| YSC 2A | 08/25/92 | No well identification sign |
| YSC 2D | 08/25/92 | Dry after ~12.6 gal; no well identification sign |

**Table 5. Comments from the Field Data** (cont.)

| Well | Date | Comments |
|---|---|---|
| YSC 2D | 08/26/92 | Moderately turbid; light brown |
| YSC 4C | 08/26/92 | No well identification sign |
| **ZBG Series** | | |
| ZBG 1A | 08/25/92 | Dry after 6 gal |
| **ZW Series** | | |
| ZW 1A | 07/15/92 | Unable to sample, gate to well locked |
| ZW 7 | 07/15/92 | Unable to sample, sampler could not get to well safely |

# NOTES

# 6. ANALYTICAL-DATA REVIEW

Sample analyses performed for EPD/EMS during third quarter 1992 were conducted by EPA methods, except as noted in Tables 21 and 22 on pages 60–69.

General Engineering Laboratories (GE) of Charleston, SC, and Roy F. Weston, Inc. (Weston or WA), of Lionville, PA, the primary contracting laboratories for sample analysis, performed all analyses, with the following exceptions:

- The EPD/EMS Laboratory (EM Lab or EM) at SRS conducted total-activity analyses of samples for shipping clearance. The EM Lab also conducted gross alpha, nonvolatile beta, tritium, and selected radionuclide analyses of samples from specified well series.

- Environmental Physics (GP) and Clemson Technical Center, Inc. (Clemson TC or CN) had radionuclide contracts; Teledyne Isotopes (Teledyne or TE) subcontracted radionuclide analyses for Environmental Physics; and TMA/Eberline (TM) subcontracted radionuclide analyses for Weston.

## REVIEW OF THE ANALYTICAL DATA FOR ERRORS

Exceeded holding time is indicated by a notation of *Q* in the analytical-results tables. See page A-2 for further information.

EPD/EMS reviews analytical data from the laboratories for errors and unusual results before entering this information into the database. All suspect data are brought to the attention of the laboratories for review, corrections, and comments.

Typical errors corrected for entry into the database include incorrect sample dates, run dates, and sample identifications; incorrectly entered analytical units, methods, and corresponding detection limits; incorrect dilution factor calculations; and analytical-data entry errors.

Analytical results that appear different from historical data collected since 1988 are brought to the attention of the appropriate laboratory. Thus, the laboratory is able to identify problems with some of these analyses, including incorrect dilution factor calculations and data entry errors. EPD/EMS corrects data files after receiving written notification from the laboratory.

Specific details concerning the corrections are entered in the *EMS Groundwater Monitoring Program Changes to the Database Logbook*, where the corrections are recorded.

### Review of GE's Analytical Data

Some of GE's results for laboratory blanks are qualified with *J1* because of problems associated with the blank itself or with the batch that the blank is in. For example, acids and base/neutrals may have a *J1* modifier if any surrogates failed. For metals analyses exhibiting surrogate failure, GE flagged *J1* those samples with results above detection limit and *J2* those samples with results below detection limit instead of using the numeric qualifier to indicate the direction of bias; see page A-2. Surrogate failure is not accounted for individually in letters accompanying data from GE.

In the past, GE has omitted *V* qualifiers from certain GCMS volatiles results because of insufficient space in the data record for all applicable qualifiers. In the future, *V* qualifiers will be applied with priority over numerical qualifiers.

The tetrachloroethylene and trichlororethylene results from well BRR 1D are suspect because of the possibility of carryover from the previous sample; the sample was not reanalyzed because holding time had expired.

Matrix interferences appear to be responsible for low selenium-spike recoveries for the following wells:

| | | | | |
|---|---|---|---|---|
| AMB 4A | FSB 90C | HSB 66 | HSB 85C | MSB 14C |
| AMB 10D | FSB 91C | HSB 68A | HSB 86A | MSB 17A |
| BGO 8C | FSB 96AR | HSB 68B | HSB 86B | MSB 18A |
| BGO 10AR | FSB 99A | HSB 69A | HSB100C | MSB 19A |
| BGO 27C | FSB100A | HSB 70 | HSB103C | MSB 19B |
| FSB 76A | FSB101A | HSB 76B | MSB 4B | MSB 19C |
| FSB 76B | FSB123C | HSB 83A | MSB 4D | MSB 39A |
| FSB 76C | FSB123D | HSB 83B | MSB 8C | MSB 39B |
| FSB 78B | HSB 1TB | HSB 83C | MSB 10A | MSB 39C |
| FSB 87A | HSB 65 | HSB 84A | MSB 10B | MSB 39D |
| FSB 87B | HSB 65A | HSB 84B | MSB 11A | MSB 39TA |
| FSB 87C | HSB 65B | HSB 85A | MSB 11B | MSB 40TA |
| FSB 89C | HSB 65C | HSB 85B | MSB 14B | |

Some, but not all, of the results are flagged with J1 in Appendix A.

Matrix interferences also caused unusually low spike recoveries for the following analyses: antimony for FSB113A and HSB 86B; lead for BG 67 and DCB 11; sulfate for FSB 97D; and thallium for FSB 91D. The spike recovery for sulfate for DCB 12 was unusually high, also because of matrix interference.

GE found no errors upon reviewing the records of the following laboratory blanks having elevated results. Well samples analyzed in the same batches are listed in Table 6.

**Table 6. GE Laboratory Blanks with Elevated Results**

| Analyte | Run Date | Result | Well Samples Accompanying Blanks |
|---|---|---|---|
| Methyl ethyl ketone | 7/02/92 | 6.0 µg/L | HMD 2D, HMD 3D |
| Methyl ethyl ketone | 7/28/92 | 8.8 µg/L | AMB 7A, AMB 10A, AMB 11B, MSB 62B, MSB 63C, MSB 63D |
| Phenols | 7/30/92 | 6.8 µg/L | ABP 8C, FSB121DR, FSB122D, HSB140A, HSB140C, HSB140D, HSB141D, HSB142C, HSB142D, HSB143C, HSB143D, MSB 20C, MSB 21A, MSB 23B, MSB 21C, MSB 29B, MSB 36C, MSB 36TA, MSB 40A, MSB 62B, MSB 62C, MSB 62D, MSB 63B, MSB 63C, MSB 63D, MSB 77D |
| Tin | 8/13/92 | 3.43 µg/L | BGO 6A, BGO 6C, BGO 8C, BGO 8D, BGO 9D, BGO 11D, BGX 1A, BGX 1C, BGX 1D, BGX 3D, BGX 8DR, BGX 11D |
| Nonvolatile beta | 8/13/92 | 4.0E-09 µCi/mL | FSB121DR, FSB122D, HSB143C, MSB 62B, MSB 62C, MSB 62D |

GE found no errors upon reviewing the records of the EPD/EMS blind blanks having elevated results. All five of the trip blanks for total inorganic carbon showed elevated results (above 5,000 µg/L). This parameter is calculated as the difference between analytical results for total carbon and total organic carbon. The blanks for those analyses were not elevated. Table 7 lists the groundwater samples from the same analytical batches as the elevated blanks for other analyses.

**Table 7. EPD/EMS Blind Blanks with Elevated Results from GE**

| Analyte | Blank | Result | Well Samples Accompanying Blanks |
|---|---|---|---|
| Nitrate-nitrite as nitrogen | QA 22C | 350 µg/L | ASB 1A, ASB 2A, ASB 2C, ASB 3A, ASB 9, ASB 9B, ASB 9C, DOB 1, DOB 2, DOB 3, DOB 4, FSB 92D, FSB 93D, FSB 94C, FSB 94DR, FSB 95CR, FSB 97C, FSB 98C, FSB 98D, FSB 99A, FSB 99C, FSB104D, FSB107D, FSB109D, FSB110C, FSB110D, FSB112A, HSB 70C, HSB 86C, HSB 86D, HSB101D, HSB103D, HSB109C, HSB110C, HSB110D |
| Nitrate-nitrite as nitrogen | QA 42C | 600 µg/L | FSB 76A, FSB 76B, FSB 76C, FSB 78B, FSB 87C, FSB 88C, FSB 83D, FSB 90C, FSB 91C, FSB 96AR, FSB101A, HSB 64A, HSB 65, HSB 70, HSB 84A, HSB 84B, HSB 85A, HSB 85B, HSB 85C, HSB 86A, HSB 86B, HSB100C, MSB 4B, MSB 4D, MSB 10A, MSB 10B, MSB 11A, MSB 11B, MSB 14B, MSB 14C, MSB 15AA, MSB 17A, MSB 17D, MSB 18A, MSB 18B, MSB 18C, MSB 19A, MSB 19B, MSB 19C, MSB 32, MSB 33, MSB 33A, MSB 33B, MSB 33C, MSB 33TA, MSB 39A |
| Nitrate-nitrite as nitrogen | QA 32C | 160 µg/L | AOB 1, AOB 2, AOB 3, FSB 89C, FSB 98AR, FSB 99D, FSB100A, FSB102C, FSB103C, FSB104C, FSB106C, FSB106D, FSB107C, FSB108D, FSB111C, FSB111D, FSB118D, HSB 68A, HSB 68B, HSB 69A, HSB 70, HSB 83A, HSB 83B, HSB 83C, HSB102C, HSB103C, HSB104C, HSB104D, HSB105C, MSB 1B, MSB 1C, MSB 1CC, MSB 1D, MSB 7A, MSB 7B, MSB 7C, MSB 8A, MSB 8B, MSB 8C |
| Nitrate-nitrite as nitrogen | QA 36C | 1,510 µg/L | FSB 78A, FSB 79A, FSB 79B, FSB 87A, FSB 87B, FSB 88C, FSB113A, FSB113C, FSB113D, FSB114A, FSB114C, FS114D, FSB115C, FSB115D, FSB116C, FSB116D, FSB123C, FSB123D, HMD 1D, HMD 4D, HSB 1TB, HSB 65B, HSB 65C, HSB 66, MSB 39B, MSB 39C, MSB 39D, MSB 39TA |
| Nitrate-nitrite as nitrogen | QA 52C | 150 µg/L | BGO 1D, BGO 2D, BGO 3D, BGO 5C, BGO 5D, BGO 8AR, BGX 2B, BGX 2D, BGX 10D, BGX 12C, BGX 12D, CBR 3D, CSA 1, CSA 2, CSA 3, CSA 4, HSB147D, HSB149D, MSB 57D, MSB 60D, MSB 64C, MSB 64D |
| Nitrate-nitrite as nitrogen | QA 60C | 640 µg/L | FSB 76, FSB 87D, FSB 89D, FSB 93C, HSB 69, HSB 83D, HSB 84C, HSB 84D, HSB100D, HSB101C, MSB 2D, MSB 5A, MSB 5B, MSB 5C, MSB 6A, MSB 6C, MSB 13A, MSB 13CC, MSB 13D |
| Nitrate-nitrite as nitrogen | QA 100C | 890 µg/L | BGO 21D, BGO 23D, FCB 2, FCB 3, FTF 2, FTF 9, FTF 10, FTF 11, FTF 27, HTF 14, HTF 17, HTF 20, HTF 21, HTF 29, HTF 31, HTF 32, LCO 2, LCO 3, LCO 4, MSB 6B, MSB 9C, MSB 12A, MSB 12B, MSB 12C, MSB 13B, MSB 40B, MSB 47B, MSB 47C, MSB 58D, PSB 4A, PSB 5A, ZBG 1, ZBG 2 |
| Nitrate-nitrite as nitrogen | QA 116C | 792 µg/L | BGO 16A, BGO 16D, BGO 18A, BGO 18D, BGO 22D, BGO 24D, HAC 4, HCA 4, HTF 18, HTF 19, HTF 22, HTF 23, HTF 24, HTF 25, HTF 26, HTF 27, HTF 28, MSB 15C, MSB 15D, MSB 16C, MSB 42A, MSB 45A, MSB 47TA, MSB 48B, MSB 55HC, MSB 74B, MSB 76C, PSS 2D |

**Table 7. EPD/EMS Blind Blanks with Elevated Results from GE** (cont.)

| Analyte | Blank | Result | Well Samples Accompanying Blanks |
|---|---|---|---|
| Nitrate-nitrite as nitrogen | QA 112C | 624 µg/L | FSL 6D, FTF 1, FTF 12, FTF 13, FTF 18, FTF 19, FTF 24A, FTF 25A, FTF 26, HCA 3, HSL 1D, KSM 1D, LCO 1, LFW 6, NPM 4, NPM 19B |
| Silica | QA 12C | 19,400 µg/L | BGO 49C, BGO 49D, BGO 50A, BGO 50C |
| Silica | QA 76C; QA 78C | 16,300 µg/L; 19,000 µg/L | FSL 6D, HSL 1D, NPM 4, NPM 19B, P 29C, P 29TA, P 29TC |
| Silica | QA 90C | 12,300 µg/L | FAL 1, FAL 2, KRB 18D, P 14C, P 14TB, RCP 1D, TBG 1 |
| Silica | QA 80C; QA 92C | 12,400 µg/L; 12,500 µg/L | P 26D, TNX 4D, TNX 5D, TNX 6D, TNX 10D |
| Silica | QA 94C | 14,600 µg/L | TNX 3D, TNX 8D, TNX 9D, TNX 11D, TNX 12D, XSB 2D |
| Silica | QA 96C | 19,100 µg/L | TBG 5A, TBG 5B, YSB 1A, YSB 2A, YSB 3A, YSB 4A |
| Silica | QA 108C | 29,600 µg/L | HAC 4 |
| Silica | QA 112C | 25,400 µg/L | FCB 2, FCB 3, LFW 6 |
| Silica | QA 82C | 16,200 µg/L | P 28A |
| Silica | QA 114C | 16,300 µg/L | HSL 6D, HSL 7D, HSL 8D, LFW 59D |
| Total dissolved solids | QA 76C | 31,000 µg/L; 25,000 µg/L | FCB 5, FCB 6, KSM 1D, NPM 2, NPM 3, NPM 4, NPM 4DD, NPM 19A, NPM 19B, NPM 19C, NPM 19D, NPM 34C, NPM 34E |
| Total dissolved solids | QA 78C | 27,000 µg/L | FSL 6D, HSL 1D, NPM 4, NPM 19B, NPM 19E, NPM 34A, NPM 34B, NPM 34D |
| Total dissolved solids | QA 96C | 23,000 µg/L | P 26B, RSF 1, RSF 2, RSF 3, TBG 5B, TBG 7, TNX 2D, YSB 1A, YSB 2A, YSB 3A, YSB 4A |
| Total dissolved solids | QA 94C | 71,000 µg/L | TNX 1D, TNX 7D, XSB 3A, XSB 4D, XSB 5A |
| Total dissolved solids | QA 108C | 37,000 µg/L | HAC 4, MSB 74B, MSB 75B, MSB 76C, PSS 2D |
| Total dissolved solids | QA 114C | 26,000 µg/L | HSL 6D, LFW 59D |
| Total petroleum hydrocarbons | QA 106C | 1,800 µg/L | CMP 11B, CMP 14C |
| Total phosphates (as P) | QA 20C | 240 µg/L | ASB 4, ASB 5A, ASB 6A, ASB 6C, ASB 7, BGO 6A, BGO 6C, BGO 6D, BGO 8C, BGO 8D, BGO 9D, BGO 10AA, BGO 10AR, BGO 10C, BGO 11D, BGO 12CR, BGO 12D, BGO 25A, BGO 26D, BGO 27D, BGO 29A, BGO 29C, BGO 29D, BGO 33D, BGO 34D, BGO 35C, BGO 36D, BGO 37D, BGO 38D, BGO 39D, BGO 43AA, BGX 1A, BGX 1C, BGX 1D, BGX 3D, BGX 8DR, BGX 11D, CBR 2D, KAC 8, LAW 1D, LAW 2B, LAW 3B, LAW 3C, MSB 31A, MSB 31B, MSB 47BB |
| Total phosphates (as P) | QA 26C | 62 µg/L | FSB 78A, FSB 79A, FSB 79B, FSB 88C, FSB 88D, FSB113A, FSB113C, FSB113D, FSB114A, FSB114C, FSB114D, FSB115C, FSB116C, FSB116D, HMD 1D, HMD 4D |
| Total phosphates (as P) | QA 46C | 165 µg/L | ASB 1A, ASB 3A, FSB 99A, FSB 99C, FSB 99D, FSB100A, FSB102C, FSB103C, FSB104C, FSB106C, FSB106D, FSB107C, FSB107D, FSB108D, FSB109D, FSB110C, FSB111D, HSB102C, HSB103C, HSB104C, HSB104D, HSB109C, HSB110C, HSB110D, MSB 1B, MSB 1C, MSB 1CC, MSB 1D, MSB 7A, MSB 7B, MSB 7C, MSB 8A, MSB 8B, MSB 8C |
| Zinc | QA 16C | 24.8 µg/L | BGX 2B, BGX 2D, BGX 4A, BGX 4C, BGX 4D, BGX 5D, BGX 6D, BGX 9D, BGX 10D, BGX 12C |

**Table 7. EPD/EMS Blind Blanks with Elevated Results from GE** (cont.)

| Analyte | Blank | Result | Well Samples Accompanying Blanks |
|---|---|---|---|
| Gross alpha | QA 60C | 7.7E-08 μCi/mL | FET 2D, FET 3D, FET 4D, FSB 76, FSB 89D, FSB 93C, HSB 69, HSB 83D |
| Nonvolatile beta | QA 60C | 7.3E-08 μCi/mL | FSB 76, FSB 89D, FSB 93C, HSB 69, HSB 83D, MSB 13D |
| Total alpha-emitting radium | QA 72C | 1.2E-08 μCi/mL | FSB121DR, FSB122D, HSB126C, HSB127C, HSB143C, HSB143D, MSB 20C, MSB 62B |

A technical review of the quarter's analytical data identified at least one reported result for the analyses in Table 8 as high in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses, except as noted previously.

**Table 8. GE Samples with High Analytical Results as Compared to Historical Data**

| Analyte | Wells |
|---|---|
| Aluminum | ABP 1A*, BGO 16D, BGO 33D, FSB 89C*, FSB 98AR, FSB101A, FSB104C, FSB108D, FSB112A, MCB 5, MSB 2C |
| Arsenic | MSB 79C |
| Barium | TNX 3D |
| Benzene | CSD 13D |
| Bis(2-ethylhexyl) phthalate | AMB 11D, BGO 16D* |
| Cadmium | HSB136D, HTF 12*, RSA 9†, RSD 3, RSE 1B, RSE 2, RSE 8† |
| Calcium | RSE 1C |
| Carbon tetrachloride | CSD 13D, HCA 4*, SRW 8 |
| Chloride | RSE 7 |
| Chloroethane | MSB 14C* |
| Chloroform | ARP 1A, SRW 15B* |
| Chromium | AMB 4B, BG 55, DCB 9, HTF 9, MSB 81B, XSB 3A |
| Copper | AMB 4B, BGO 5D, BGO 33D, FSB 89C, FSB 99D, FSB115C, FSB123D, HSB146D, HSB147D, MSB 36A, MSB 59D, MSB 82B |
| 1,1-Dichloroethylene | BGO 6D, BGO 44AA, BGO 50D |
| Dichloromethane (Methylene chloride) | AOB 1*, AOB 2, AOB 3, BGO 11D, BGX 1A, FSB118D, MCB 4, MCB 5C*, MSB 2C, MSB 3C, MSB 4B, MSB 4C, MSB 5A, MSB 5B, MSB 7A*, MSB 8C, MSB 9A, MSB 9C, MSB 10C, MSB 12B*, MSB 12C*, MSB 14A, MSB 14C, MSB 15A, MSB 17B*, MSB 31B, MSB 31C*, MSB 36B, MSB 39B, MSB 59D, MSB 64C, MSB 75B, SRW 3A, SRW 9A, SRW 11, SRW 13A, SRW 13B, XSB 1D |
| Fluoride | HSB135C |
| Iron | AMB 4B, ASB 9, BG 61, BGO 1D, BGO 16D, BGO 39D, FCA 1N, FCA 10A, FSB 89D, HCA 1, HSB 65, HSB132D, KAB 2, KAC 8*, KSM 1D*, MSB 5A, MSB 14C, MSB 36A, MSB 81B, RSD 1, RSE 1, RSE 1C, SCA 5 |
| Lead | ABP 1A, BG 55, BG 59, BG 61, BG 104, FSB 89D, FSB 91C, FSB 95CR, FSB 99D, FSB109D, IDQ 9, MSB 3C*, MSB 15D, MSB 59D, PCB 2A, TNX 3D |
| Magnesium | MSB 55HC, TNX 3D |

* The questioned result was at least 10 times higher than historical data. Because holding time had not been exceeded, the laboratory was asked to reanalyze the sample.

† This result was more than 10 times higher than historical results, but all third-quarter samples had been discarded before reanalysis was requested.

**Table 8. GE Samples with High Analytical Results as Compared to Historical Data** (cont.)

| Analyte | Wells |
|---|---|
| Manganese | ABP 2A, ACB 4A, BG 55, BG 59, BG 61, BGO 24D, BRD 3, FSB 78A, FSB 89C, KAB 2*, MSB 36A, PCB 2A* |
| Mercury | BG 55, BG 59, BG 61, BGO 46D, BGO 48D*, DOB 2, FCB 6, FSB117D, FSB123C, HSB111C, HSB113D, HSB114D*, HSB115D*, HSB116C*, HTF 17, HTF 22, HTF 23, HTF 25, LFW 59D, MSB 64C, TNX 3D |
| Nickel | AMB 4B, MSB 6B, MSB 12TB, MSB 36A, RSA 8, RSA 9, RSE 1A, RSE 1B†, RSE 2, RSE 8†, RSE 9, RSE 10 |
| Nitrate-nitrite as nitrogen | FAL 1, FSB 79A, FSB 97D, FSB122D, HR3 13, HSB 1TB, HSB 68A, HSB 83A, HSB 83B*, HSB108C, HTF 10, LFW 6, MSB 31C*, MSB 39D*, MSB 39TA*, NPM 34E, RDB 3D, RSE 3A, YSB 2A |
| Potassium | BGX 2B, HSB136C, MSB 83B, NPM 4 |
| Silica | BGO 3D* |
| Silver | MSB 43D |
| Sodium | BGX 2B, FSB 94DR, FSB 97D, FTF 6, TNX 3D |
| Specific conductance | NPM 34D |
| Sulfate | PCB 2A*, RCP 1D, RSE 1A, RSE 1C, YSB 2A |
| Tetrachloroethylene | ABP 1A, BGO 23D, BGO 35C, BGO 44AA, BGO 44D, BRR 1D, MSB 1C, MSB 12A*, MSB 12C*, MSB 18C, MSB 23B, MSB 32, MSB 47D, MSB 74C, MSB 75C, RWM 4 |
| Thallium | MSB 1C |
| Tin | BGO 8C, BGO 13DR, BGO 25A, BGO 36D, BGO 45C, MSB 2C, MSB 4C, MSB 62C |
| Toluene | MCB 5C*, MSB 9A, MSB 11D, SRW 10 |
| Total dissolved solids | BGO 44D, RSB 7 |
| Total inorganic carbon | TNX 1D, XSB 3A, XSB 4D |
| Total organic carbon | FSB 79, HSB136C, HSB137C, MSB 29A, MSB 46C, RSA 9*, RSE 1C, RSF 1*, TNX 11D, YSB 2A |
| Total organic halogens | ABP 8C, ASB 8A, BGO 18A, BGO 34D, BGO 50D, FSB106D, HSB112E, KAC 8, MSB 1C, MSB 2B, MSB 9C, MSB 12C, MSB 15AA, MSB 23B, MSB 27B, MSB 33, MSB 33TA*, MSB 36A*, MSB 82A, MSB 85D, SRW 10 |
| Total petroleum hydrocarbons | DOB 3 |
| Total phosphates (as P) | ASB 10C, BGX 1A, BGX 1C, BGX 2B, CBR 2D, FAL 2, FSB 76, FSB 99D, FSB103C, FSB108D, FSB116C, HSB141D, HSB142D, KRB 17D, MSB 15C*, RSF 3, YSB 2A |
| Tributyl phosphate | FSB 79C, FSB110D |
| 1,1,1-Trichloroethane | BGO 44AA, MSB 1CC |
| Trichloroethylene | ABP 1A*, ACB 2A, ARP 4, BGO 23D, BGO 35C, BRR 1D, MSB 11B, MSB 12C*, MSB 18C*, MSB 26, MSB 32*, MSB 36A*, MSB 47D*, MSB 70D*, MSB 75C, MSB 82A, RWM 8, TNX 3D |
| Trichlorofluoromethane | BGO 6D, BGO 7D, BGO 14AR, BGO 39D, FSB115C*, HSB 85A, MSB 7B, MSB 31B*, SRW 4 |
| Turbidity | BGO 5C |
| Uranium | MSB 3C |
| Vanadium | MSB 3C, MSB 62D |

* The questioned result was at least 10 times higher than historical data. Because holding time had not been exceeded, the laboratory was asked to reanalyze the sample.

† This result was more than 10 times higher than historical results, but all third-quarter samples had been discarded before reanalysis was requested.

**Table 8. GE Samples with High Analytical Results as Compared to Historical Data** (cont.)

| Analyte | Wells |
|---|---|
| Zinc | BGO 1D, FSB 87D, FSB114A, FSB115C, HSB 68B, HSB129C, MSB 6C, MSB 70D, MSB 75C, RSA 8, RSA 9, RSE 1A, RSE 1B, RSE 7, RSE 8†, RSE 9 |
| Gross alpha | BG 59, BG 91, FCA 10A, FTF 6*, FTF 7, FTF 13, FTF 19, H 17*, HSB 71C, HSB143D, KDB 1, MGG 28, MSB 14C, MSB 31B, MSB 31C, MSB 34C, MSB 49D, MSB 54D, MSB 55D, MSB 57D, MSB 65D, MSB 69D, RSA 7, RSC 10, RSD 1, RSE 1B, RSE 11, TNX 3D, XSB 1D†, XSB 3A, YSC 1C |
| Nonvolatile beta | ASB 3C, BGX 2D, CBR 1D, CBR 3D, DCB 7, FSB122D, FTF 2, FTF 6*, FTF 9, FTF 13, HSB 84C, HSB118A, HSB134C, HSB139A*, HTF 11, HTF 15, MGG 28, MSB 14C, MSB 31B, MSB 36D, MSB 37A, MSB 49D, MSB 55D, MSB 57D, MSB 69D, MSB 82B, RSC 10, RSD 2B, RSE 11, XSB 1D† |
| Total alpha-emitting radium | AMB 10B, BRR 2D, DCB 9, FCA 10A, FSB122D, FTF 6, FTF 7, FTF 13, HSB126C, HSB127C*, HSB143C, HSB143D*, HTF 15, MSB 20C*, MSB 29A*, MSB 69D, RSA 7, RSA 10, RSE 3A, SCA 4, TNX 3D |
| Tritium | BGO 48D, BGO 50D, BGX 1C, F 16, FSB 79A, KSB 3*, MSB 20C |

† The questioned result is at least 10 times higher than historical data, but all third-quarter samples had been discarded before reanalysis was requested.
* The questioned result is at least 10 times higher than historical data. Because holding time had not been exceeded, the laboratory was asked to reanalyze the sample. Both the original and reanalysis results appear in the results table.

A technical review of the quarter's data identified at least one result of the analyses in Table 9 as low in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses except that GE appears to have had a problem in the analysis of gross alpha and nonvolatile beta for a period of time; the reanalysis results are much higher.

**Table 9. GE Samples with Low Analytical Results as Compared to Historical Data**

| Analyte | Wells |
|---|---|
| Aluminum | FSB 94C, FSB 99D, MSB 55HC |
| Arsenic | HSB101D |
| Cadmium | HTF 16, RSE 3 |
| Chloroform | SRW 6* |
| Cobalt | FSB 94C |
| 1,2-Dichloroethane | FAL 2 |
| 1,1-Dichloroethylene | FAL 2, LFW 59D, MSB 70D |
| Fluoride | DCB 12 |
| Iron | BG 110, BGO 37D, CSD 12D, CSD 13D, DCB 13*, FSB 92D, FSB 94C*, HSB125D, MSB 16C, MSB 17D, MSB 26A, RDB 3D†, RSA 7, RSA 8 |

* The questioned value is at least 10 times lower than historical data. The laboratory was asked to reanalyze the sample. Both the original and reanalysis results appear in the results tables.
† This result is more than 10 times lower than historical results, but all third-quarter samples had been discarded before reanalysis was requested.

**Table 9. GE Samples with Low Analytical Results as Compared to Historical Data** (cont.)

| Analyte | Wells |
|---|---|
| Lead | BG 52, MCB 5C |
| Magnesium | FCA 19D, FSB 94C |
| Manganese | FSB 94C, HSB136C, MSB 62B*, RDB 3D, RSB 7 |
| Nitrate-nitrite as nitrogen | FCA 16A*, FCB 2, FSB 89C*, FSB 89D*, FSB 93C, FSB120D, FTF 7, HSB 70, HSB 71, HSB 83D, HSB117C, HSB149D*, MSB 8A, MSB 18A, MSB 21TA*, MSB 39B*, MSB 62B, RSE 1A |
| Potassium | MSB 55HC |
| Silica | NPM 4 |
| Sodium | MSB 5A |
| Specific conductance | FSB 92D, FSB 95DR*, MSB 55HC |
| Sulfate | BGO 12CR, DCB 8, DCB 12*, FSB 78, RSD 1 |
| Tetrachloroethylene | MSB 11D, MSB 11F, MSB 18A, MSB 19C*, MSB 70D* |
| Trichloroethylene | MSB 1CC, MSB 79B, XSB 5A |
| Total dissolved solids | RSF 3* |
| Total organic carbon | FCA 16A, FSB 98AR, RSE 2, RSE 8* |
| Total organic halogens | AMB 4A*, AMB 7B, BGO 49C, BGO 50A, FCA 16B, IDB 1A, IDB 1C, MSB 2C, MSB 9A, MSB 11F, MSB 12TA*, MSB 14C, MSB 16C, MSB 18B, MSB 28A, MSB 32, MSB 42C, MSB 52B,* MSB 79B*, NPM 19C, PDB 2, RRP 1 |
| Total phosphates (as-P) | BGO 36D, FCA 2D, FCA 9D, FCA 16A, HSB144A, RSA 7, RSA 8, RSA 10, RSE 10* |
| 1,1,1-Trichloroethane | LFW 59D |
| Trichloroethylene | LFW 59D, MSB 1CC*, MSB 18A*, MSB 19C*, MSB 42B, MSB 50B*, XSB 5A |
| Turbidity | BGO 14DR, HAC 4 |
| Uranium | MSB 55B* |
| Zinc | BGO 16D, FSB 94C*, HSB136C, RSE 25 |
| Gross alpha | FSB 76, FSB 87D*, FSB 89D*, FSB 91C*, FSB 94C, FSB106C*, FSB112D, HCB 2, HSB 68*, HSB 69*, HSB 86C, HSB 86D, HSB102D*, HSB103D*, HSB104D*, HSB105D*, HSB107D*, HSB108D*, HSB112E*, HSB113D*, HSB114D*, HSB115D*, HSB116D*, HSB136D*, KRB 18D, MSB 44C*, MSB 46C* |
| Nonvolatile beta | FCA 2D, FSB 76, FSB 87D*, FSB 89D*, FSB 93C*, HSB 69*, HSB 83D, HSB100D*, HSB110D, MSB 44C*, MSB 46C*, NBG 2†, RSD 1† |
| Total alpha-emitting radium | BGX 1A*, FSB 95CR*, HSB102D*, HSB111E*, HSB113D*, HSB114C*, HSB114D*, HSB115D*, HSB116D*, MSB 16C, MSB 44C |
| Tritium | BGO 46B*, BGX 1A, FTF 7, LCO 3, LCO 4, MCB 5C, MSB 16C, RDB 3D, XSB 3A |

* The questioned value is at least 10 times lower than historical data. The laboratory was asked to reanalyze the sample. Both the original and reanalysis results appear in the results tables.
† The questioned value is at least 10 times lower than historical data, but all third-quarter samples had been discarded before reanalysis was requested.

Table 10 lists the reasons GE did not perform certain analyses on samples from wells that could be sampled. See the **Sample Scheduling**, **Field Notes**, and **Analytical Results** sections of this report for more information on wells scheduled but not sampled this quarter.

**Table 10. Analyses Not Performed by GE**

| Wells | Analytes | Reason |
|---|---|---|
| BGO 9AA, HTF 20 | Sulfide | Insufficient sample aliquot |
| CSD 2D | Herbicides | Insufficient water for complete sample collection |
| F 14, H 15 | Gross alpha, nonvolatile beta | Insufficient water for complete sample collection |
| FCA 1N | Chloride, fluoride, nitrate-nitrite (as nitrogen), pH, specific conductance, sulfate, total phosphates (as P), gross alpha, nonvolatile beta, total alpha-emitting radium, tritium | Insufficient water for complete sample collection |
| FCA 2C | All scheduled analyses other than GCMS VOA and total organic carbon | Insufficient water for complete sample collection |
| FCA 10D | Gross alpha, nonvolatile beta, total alpha-emitting radium | Insufficient water for complete sample collection |
| FCA 16B | Gross alpha, nonvolatile beta, total alpha-emitting radium, tritium | Insufficient water for complete sample collection |
| FSB 79C, FSB 91D, FSB110D, HSB102D, HSB107D, HSB112D, HSB116C, HSB119A | Colloidal silica, dissolved silica | Not in contract (with filtered samples, however, analysis for silica measures dissolved silica) |
| FSB106D | Chloride, fluoride, herbicides/pesticides, pH, specific conductance, sulfate, total dissolved solids, gross alpha, nonvolatile beta, total alpha-emitting radium, tritium | Insufficient water for complete sample collection |
| MSB 13B | Appendix IX base-neutral/acids, Appendix IX dioxins/furans, Appendix IX herbicides/ pesticides, Appendix IX PCBs, herbicides/ pesticides | Insufficient water for complete sample collection |
| MSB 15C | Chloride, cyanide, pH, specific conductance, sulfate, gross alpha, nonvolatile beta, total alpha-emitting radium | Insufficient water for complete sample collection |
| MSB 81B | GCMS VOA | Laboratory error (3 of 4 vials were broken; the fourth didn't yield any results) |
| RCP 1A | All scheduled analyses | Chain of custody says "unable to sample due to slow (beginning) pump rate" |
| RWM 1, RWM 12 | All scheduled analyses except GC VOA | Samplers did not receive chains of custody |

### Review of the Environmental Physics Data

A technical review of the quarter's analytical data identified at least one result of the Environmental Physics analyses in Table 11 as high in comparison with historical data. A review of the laboratory records did not reveal any problems with the analyses. Analyses subcontracted to Teledyne also are included in this section.

**Table 11. Environmental Physics Samples with High Analytical Results as Compared to Historical Data**

| Analyte | Wells |
|---|---|
| Cesium-137 | FSB 92D |
| Radium-226 | ASB 10C, KAC 8, SRW 16B |
| Radium-228 | HAC 4, KAC 8, TBG 5A, TNX 4D, TNX 7D, XSB 1B, XSB 1D |
| Strontium-90 | HTF 18, HTF 23, RDB 2D, RSD 1, RSE 3A |
| Thorium-230 | TNX 2D |
| Uranium-234 | FNB 2 |
| Uranium-238 | FNB 2 |

Table 12 lists the reasons Environmental Physics did not perform certain analyses on samples from wells that could be sampled. See the **Sample Scheduling**, **Field Notes**, and **Analytical Results** sections of this report for more information on wells scheduled but not sampled this quarter.

**Table 12. Analyses Not Performed by Environmental Physics**

| Wells | Analytes | Reason |
|---|---|---|
| FCA 1N, FCA 2C, FCA 10D, FCA 16B | Gamma PHA, strontium-89, strontium-90 | Insufficient water for complete sample collection |
| MSB 15C | Uranium isotopes by alpha spectroscopy | Insufficient water for complete sample collection |
| RCP 1A | All scheduled analyses | There is insufficient information in field log to determine reason |
| RWM 1 | Uranium isotopes by alpha spectroscopy | Samplers did not receive chains of custody |

### Review of the Weston Analytical Data

Weston subcontracted radionuclide analyses to TMA/Eberline. The results from these analyses are discussed in this section.

In narratives accompanying data, Weston provided detailed information on quality control analyses that were outside of guidance or control limits. These included a number of matrix spike recoveries for metals and blank spike recoveries for semivolatiles; nitrate calibration verification checks; and surrogate recoveries for semivolatiles and GCMS volatiles. Weston also specified a number of samples for which the relative percent difference between duplicate results for various metals is greater than 20%. These results are not consistently qualified in the analytical-results tables.

The presence of lindane in samples LFW 10A and LFW 21A was not positively confirmed on a second chromatographic column because of an interference; its presence, though reported, is questionable.

Because of elevated levels of total dissolved solids, the replicate from well ZDT 2 has a very high percent error for tritium. Samples from well BGO 50D analyzed for gross alpha, non-volatile beta, total radium, and tritium also contained high levels of total dissolved solids, as did samples from well RAC 1 for gross alpha.

The analytical modifier *V* was to be used, beginning fourth quarter 1991, to flag sample results associated with internal laboratory blanks having elevated results. (See p. A-2.) This modifier has been used inconsistently.

During third quarter, Weston qualified a few instances of laboratory blanks containing levels of silica, nitrate, and total organic halogens above the contract-specified detection limit. In

most of these, the sample result was many times greater than the blank result. However, positive metals analyses associated with elevated blanks sometimes were flagged with *J3* if the concentration in the sample was above detection limit but less than five times the concentration found in the blank. Table 13 associates well samples with specific blanks having elevated results, without regard to the modifiers used in Appendix A.

**Table 13. Weston Laboratory Blanks with Elevated Results**

| Analyte | Run Date | Result | Well Samples Accompanying Blanks |
|---|---|---|---|
| Aluminum | 8/03/92 | 64.1 µg/L | FSB120A |
| Antimony | 7/30/92 | 5.9 µg/L | FSB123D |
| Antimony | 7/30/92 | 12.2 µg/L | HSB 65, HSB 70 |
| Antimony | 7/31/92 | 6.5 µg/L | HSB105C |
| Antimony | 7/31/92 | 4.8 µg/L | MSB 1B |
| Antimony | 8/03/92 | 57.9 µg/L | FSB120A |
| Antimony | 8/05/92 | 8.6 µg/L | MSB 62B |
| Antimony | 8/05/92 | 4.9 µg/L | HSB140C |
| Antimony | 9/11/92 | 8.6 µg/L | LFW 25, LFW 26, LFW 27, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34 |
| Bis(2-ethylhexyl) phthalate | 8/03/92 | 46.6 µg/L; 41.0 µg/L | DOB 2 |
| Magnesium | 7/31/92 | 42.0 µg/L | HSB105C |
| Magnesium | 8/25/92 | 25.9 µg/L | PAC 1, PAC 2, PAC 3, PAC 4, PAC 5, PAC 6, SSS 4, SSS 5, SSS 6, SSS 7, SSS 8, SSS 17, SSS 19, SSS 21, SSS 25, SSS 26, SSS 27 |
| Magnesium | 9/11/92 | 32.1 µg/L | LFW 25, LFW 26, LFW 27, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34 |
| Magnesium | 9/20/92 | 22.8 µg/L | P 28A |
| Silica | 9/20/92 | 409 µg/L | P 28A |
| Tin | 7/30/92 | 6.7 µg/L | HSB 85C |

Weston found no errors upon reviewing the records of the EPD/EMS blind blanks having elevated results. The blanks are listed in Table 14, along with their associated samples.

**Table 14. EPD/EMS Blind Blanks with Elevated Results from Weston**

| Analyte | Blank | Result | Associated Samples |
|---|---|---|---|
| Cadmium | QA 110C | 7.6 µg/L | KAC 1, KAC 2, KAC 3, KAC 4, KAC 5, KAC 6, KAC 7 |
| Silica | QA 108C | 27,100 µg/L | HAC 1, HAC 2, HAC 3, HAC 4 |
| Silica | QA 112C | 19,000 µg/L | LFW 6, LFW 8, LFW 10A, LFW 16, LFW 17, LFW 18, LFW 19, LFW 21, LFW 22, LFW 23, LFW 24 |
| Silica | QA 114C | 13,200 µg/L | FAC 5, FAC 7, FAC 8, LFW 47C, LFW 47D, LFW 48C, LFW 48D, LFW 55C, LFW 55D, LFW 56D, LFW 57B, LFW 57C, LFW 57D, LFW 58D, LFW 59D, LFW 60D, LFW 62D |
| Total dissolved solids | QA 110C | 88,000 µg/L | BGO 10AR, BGX 6D, KAC 1, KAC 2, KAC 3, KAC 4, KAC 5, KAC 6, KAC 7, KAC 8, KAC 9, KSS 1D, KSS 2D, KSS 3D |
| Total phosphates | QA 108C | 244 µg/L | FAC 3, FAC 4, FAC 6, NPM 4, NPM 19B, NPM 34C, SSS 1, SSS 2, SSS 3, SSS 10, SSS 11, SSS 22, SSS 23, SSS 24 |

Weston reported no problems, other than those discussed on pages 54 and 55, when asked to review its records of the analyses listed in Table 15, in which at least one analytical result was high as compared to historical data.

**Table 15. Weston Samples with High Analytical Results as Compared to Historical Data**

| Analyte | Wells |
|---|---|
| Antimony | BGO 10AR, FSB120A*, HSB 70, HSB140C, LFW 26, LFW 28, LFW 30, LFW 32, LFW 33, LFW 34, LFW 38, MSB 1B, ZBG 1 |
| Arsenic | FSB120A*, HSB122A, KAC 9, LFW 21 |
| Barium | ASB 3A, LCO 3, LFW 6, SSS 1 |
| Bis(2-ethylhexyl) phthalate | DOB 2* |
| Cadmium | BGX 12C*, CMP 12A, HAC 4, LFW 43B, LFW 43D, NPM 4, P 26D, SSS 27 |
| Calcium | KAC 3, LFW 19, LFW 21, LFW 22, LFW 41, NPM 4, SSS 26 |
| Chloride | FAC 4, HSB 85C*, LFW 8, LFW 17, LFW 18, LFW 21, LFW 22, LFW 37, LFW 58D, MSB 11B, MSB 62B*, SSS 22, YSB 2A |
| Chromium | FSS 4D, HSB105C, LFW 16, NPM 34C |
| Di-n-butyl phthalate | KSS 2D, KSS 3D, PSS 1D |
| 1,1-Dichloroethane | LFW 21, LFW 40, LFW 58D |
| Dichloromethane (Methylene chloride) | ABP 4, CMP 9B, CMP 12A, CMP 12B, CMP 14C, CMP 15B, CMP 15C, CMP 16B, DOB 2, FAC 3, FAC 4*, FAC 5, FAC 6, FAC 8*, FSB123D*, FSS 1D, FSS 4D, LCO 3, LFW 33, LFW 40, LFW 47C*, LFW 48C, LFW 48D, LFW 55C, LFW 59B, MSB 1B, MSB 11B, MSB 12TB, MSB 19B, MSB 39C, MSB 62B,* P 26D, P 28A*, SRW 4, SRW 13A, XSB 3A |
| Ethylbenzene | LFW 40 |
| Iron | FSB120A, FSS 3D*, HSB 65, KAC 8*, LFW 19, LFW 21*, LFW 22,* LFW 38, LFW 40*, LFW 45D, LFW 55C, LFW 55D, LFW 56D, LFW 58D, LFW 59D, LFW 61C*, LFW 62C, MSB 43D, MSB 70C, NPM 19B, PAC 2, PSS 2D, SSS 21 |
| Lead | ABP 4, KAC 8, KSS 3D, LFW 43B, LFW 47C, LFW 47D, LFW 48C, LFW 59D, NPM 19B, NPM 34C*, P 26D, SSS 21, XSB 3A |
| Magnesium | KAC 3, LFW 21, LFW 40, LFW 61C |
| Manganese | KAC 9, LFW 40, PAC 5, SSS 8 |
| Mercury | ASB 3A, FSS 2D*, LFW 48C, LFW 59D, MSB 19B |
| Nickel | FSB120A |
| Nitrate as nitrogen | FAC 4, FAC 5*, FAC 7*, FAC 8, HMD 2D, HSB122A, HSB140C, KAC 8, LFW 6, LFW 36, LFW 40, MSB 11B, MSB 12TB, NPM 19B, NPM 34C, SSS 21 |
| Phenols | LFW 21, SSS 2, SSS 7, SSS 8, SSS 17, SSS 26, SSS 27 |
| Potassium | KAC 8, LFW 24, NPM 4, SSS 19 |
| Selenium | FSB120A |
| Silver | FSS 1D, LFW 47C, LFW 47D, SSS 4, SSS 21 |
| Sodium | FAC 4, FAC 8, LFW 21, LFW 22, LFW 58D |
| Specific conductance | KAC 9, LFW 21 |
| Tetrachloroethylene | LFW 10A, LFW 16, LFW 22, LFW 40, MSB 11B, MSB 62B |
| Thallium | FSB120A |
| Tin | DOB 2* |
| Toluene | LFW 21*, LFW 22, LFW 40 |
| Total dissolved solids | BGX 12C, HSB140C |

* The questioned value is at least 10 times higher than historical data. Because holding time had not been exceeded, the laboratory was asked to reanalyze the sample.

**Table 15. Weston Samples with High Analytical Results as Compared to Historical Data** (cont.)

| Analyte | Wells |
|---|---|
| Total organic carbon | CMP 14B, LFW 21, LFW 35, LFW 37, LFW 43B, LFW 43D, SSS 19, SSS 24, SSS 26 |
| Total organic halogens | BRD 1*, FSB100A, FSB123D, HMD 2D, HSB 65, HSB 70*, HSB146C, LFW 38, LFW 42, LFW 58D, LFW 62C, MSB 11B, MSB 19B, MSB 62B, SSS 1, SSS 8*, SSS 10*, SSS 19, SSS 23*, SSS 24, SSS 26, SSS 27 |
| Total phosphates | FAC 4, FAC 6, HAC 1, HAC 2, HAC 3, HAC 4*, KAC 2, MSB 62B, NPM 4, NPM 19B, NPM 34C, PAC 2, PAC 3, PAC 5, PAC 6, SSS 7, SSS 8, SSS 17, SSS 26 |
| 1,1,1-Trichloroethane | LFW 37, LFW 42 |
| Trichloroethylene | LFW 40, MSB 11B |
| Trichlorofluoromethane | LFW 42 |
| Turbidity | KAC 2 |
| Zinc | FSB 99A, HSB 65, HSB146C, MSB 39C, SRW 4, SRW 13A* |
| Nonvolatile beta | MSB 39C, RAC 1 |
| Radium-226 | BGO 10AR* |
| Tritium | BGO 50D |

* The questioned value is at least 10 times higher than historical data. Because holding time had not been exceeded, the laboratory was asked to reanalyze the sample.

A technical review of the quarter's analytical data identified at least one result of the analyses in Table 16 as low in comparison to historical data. When asked to review the laboratory records, Weston did not report any problems with the analyses.

**Table 16. Weston Samples with Low Analytical Results as Compared to Historical Data**

| Analyte | Wells |
|---|---|
| Chromium | SSS 17 |
| Iron | CMP 15C, HSB146C, KAC 7, LCO 3, LFW 35, LFW 42, PSS 3D, SSS 10, SSS 17, SSS 26 |
| Lead | MSB 12TB |
| Magnesium | KAC 7 |
| Manganese | CMP 14C*, KAC 7, LFW 41, MSB 62B |
| Nickel | MSB 62B* |
| Silica | NPM 4 |
| Sulfate | PAC 3, PAC 4, PAC 5, PAC 6, SSS 17, SSS 27 |
| Total dissolved solids | BGO 8D, FAC 8, FSB 99A*, FSS 3D, LFW 48C, LFW 59D*, LFW 60D*, LFW 62D, NPM 4, PSS 1D, PSS 2D* |
| Total organic carbon | FAC 6, FAC 8 |
| Total organic halogens | CMP 13, HAC 1, KAC 9, LFW 43B*, LFW 46D*, LFW 48C, LFW 60D |
| Total phosphates | SSS 11, SSS 21 |
| Turbidity | BGO 8D, FAC 5, FAC 7, FAC 8 |

**Table 16. Weston Samples with Low Analytical Results as Compared to Historical Data** (cont.)

| Analyte | Wells |
|---|---|
| Radium-226 | FSB123D |
| Radium-228 | ZBG 1* |
| Tritium | FSB100A |

* The questioned value is at least 10 times lower than historical data. Because holding time had not been exceeded, the laboratory was asked to reanalyze the sample.

Table 17 lists scheduled analyses that were not performed by Weston or its subcontractor, along with the reasons. The two primary laboratories (GE and Weston) differ in their analytical suite assignments for certain constituents. When samples are sent to Weston only as splits or blind replicates, no adjustments are made for these differences in suites. Thus, some analytes may not be analyzed by both laboratories. These analytes are not presented in Table 17. See the **Sample Scheduling**, **Field Notes**, and **Analytical Results** sections of this report for more information on wells scheduled but not sampled this quarter.

**Table 17. Analyses Not Performed by Weston**

| Wells | Analytes | Reason |
|---|---|---|
| ASB 3A | Phenols | Broken sample container |
| BGO 8D, BGO 10AR, HSB 65 | Naphthalene | Not requested by EPD/EMS because not in contract |
| BGO 50D | Tributyl phosphate | Not requested by EPD/EMS because not in contract |
| HSB140C, HSB146C | Alkalinity | Not in contract |
| MSB 1B | m-Cresol | Laboratory error |
| MSB 11B | Total radium | Insufficient water for complete sample collection |
| SSS 11, SSS 21 | Chloride, herbicides/pesticides, sulfate, total dissolved solids | Insufficient water for complete sample collection |
| SSS 12 | Chloride, fluoride, herbicides/pesticides, nitrate as nitrogen, pH, phenols, specific conductance, sulfate, total dissolved solids, total phosphates (as P) | Insufficient water for complete sample collection |
| SSS 20 | All scheduled analyses other than total organic carbon and total organic halogens | Insufficient water for complete sample collection |

### Review of the Clemson TC Analytical Data

Clemson TC performed some of the radionuclide analyses during third quarter. The laboratory noted that samples from wells LFW 21 and LFW 22 contained high levels of dissolved solids that interfered with the gross alpha and non-volatile beta analyses, causing elevated detection limits. The laboratory reported no problems when asked to review its records of the analyses listed in Tables 18 and 19, in which the analytical results were high or low, respectively, as compared to historical data.

**Table 18. Clemson TC Samples with High Analytical Results as Compared to Historical Data**

| Analyte | Wells |
|---|---|
| Gross alpha | FAC 5, LFW 26, LFW 30, LFW 32, LFW 37, PAC 3, PAC 6 |
| Nonvolatile beta | CMP 9B, CMP 10, FAC 5, FSS 3D†, LFW 26, LFW 30, LFW 47C, LFW 48C |
| Radium-226 | LFW 41, PAC 6 |
| Radium-228 | FAC 4, LFW 10A, LFW 17, LFW 21, LFW 25, LFW 62B |
| Tritium | FAC 4, LFW 61D* |

† The questioned value is at least 10 times higher than historical data. Because holding time had not been exceeded, the laboratory was asked to reanalyze the sample. However, insufficient sample remained to perform the reanalysis.
* The questioned values are at least 10 times higher or lower than historical data. Because holding time had not been exceeded, the laboratory was asked to reanalyze the sample. Both the original and reanalysis results appear in the results tables.

**Table 19. Clemson TC Samples with Low Analytical Results as Compared to Historical Data**

| Analyte | Wells |
|---|---|
| Radium-226 | ASB 3A, FAC 3, FAC 4, FAC 5, FAC 7, SSS 17, SSS 27 |
| Radium-228 | LFW 33, LFW 43B*, SSS 1, SSS 17*, SSS 27* |

* The questioned values are at least 10 times higher or lower than historical data. Because holding time had not been exceeded, the laboratory was asked to reanalyze the sample. Both the original and reanalysis results appear in the results tables.

Clemson TC did not perform the scheduled analyses (gross alpha, nonvolatile beta, radium-226, radium-228, and tritium) on samples from wells SSS 11, SSS 12, SSS 20, and SSS 21 because the wells produced insufficient water.

### Review of the EM Lab Radioactive Analytical Data

A technical review of the quarter's analytical data from the EM Lab identified the total activity result for BG 55 as low in comparison with historical data and the results for analyses in Table 20 as high in comparison with historical data.

**Table 20. EM Lab Samples with High Analytical Results as Compared to Historical Data**

| Analyte | Wells |
|---|---|
| Tritium | KSB 3 |
| Total activity | BGO 48C, BGO 48D, BGO 50D, BGX 1C, F 14, HSB111E |

# ANALYTICAL-DATA REVIEW

## ANALYTICAL METHODS

GE and Weston performed most of the analyses conducted during third quarter, using the methods listed in Table 21.

Spencer Testing Services, Inc. (SP), conducted analyses for asbestos by electron microscopy, with a detection limit of 0.15 million structures per liter (MSL).

The EM Lab at SRS conducted selected radionuclide analyses of samples required by the groundwater monitoring program. The gross alpha and nonvolatile beta analytical methods used by the EM Lab are in-house and based on applicable EPA methods. Methods used by EPD/EMS for testing other radioisotopes also are in-house analytical methods. The EM Lab radioactivity determinations are reported as the absolute concentrations calculated from the analytical tests.

Environmental Physics, Teledyne, TMA/Eberline, and Clemson TC performed the radionuclide analyses. Their methods and detection limits, including in-house methods based on applicable EPA and DOE procedures, are listed in Table 22.

If the laboratories used more than one analytical method for an analyte, the methods are listed in the tables in descending order according to frequency of use. Generally, the method listed first was used for at least half of the analyses.

**Table 21. Methods and Detection Limits Used by the Primary Laboratories**

| | GE | | WA | |
|---|---|---|---|---|
| Analyte | Method | Detection Limit | Method | Detection Limit |
| Acenaphthene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Acenaphthylene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Acetone | EPA8240 | 100 µg/L | EPA8240 | 10 µg/L |
| Acetonitrile (Methyl cyanide) | EPA8240 | 1 µg/L | EPA8240 | 20 µg/L |
| Acetophenone | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2-Acetylaminofluorene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Acrolein | EPA8240 | 20 µg/L | EPA8240 | 10 µg/L |
| Acrylonitrile | EPA8240 | 20 µg/L | EPA8240 | 10 µg/L |
| Aldrin | EPA8080 | 0.05 µg/L | EPA8080 | 0.05 µg/L |
| | EPA8270 | 10 µg/L | - | - |
| Alkalinity | EPA310.1 | 1,000 µg/L | - | - |
| Allyl chloride | EPA8240 | 50 µg/L | EPA8240 | 20 µg/L |
| Aluminum | EPA6010* | 20 µg/L | EPA200.7* | 14.6 µg/L |
| 4-Aminobiphenyl | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Ammonia nitrogen | EPA 350.1 | 100 µg/L | - | - |
| Aniline | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Anthracene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Antimony | EPA7041 | 2 µg/L | EPA200.7 | 2.6 µg/L |
| Aramite | EPA8270 | 10 µg/L | EPA8270 | 20 µg/L |
| Arsenic | EPA7060 | 2 µg/L | EPA206.2 | 2 µg/L |
| Barium | EPA6010 | 3 µg/L | EPA208.2 | 4 µg/L |
| | - | - | EPA200.7 | 6.6 µg/L |
| Benzene | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |

- No detection limit or not analyzed.

* Methods 200.7 and 6010 are both inductively coupled plasma atomic emission spectroscopy methods for metals determination. Method 200.7 is published for Safe Drinking Water Act investigations; method 6010 is published for RCRA determinations.

**Table 21. Methods and Detection Limits Used by the Primary Laboratories** (cont.)

| | GE | | WA | |
|---|---|---|---|---|
| Analyte | Method | Detection Limit | Method | Detection Limit |
| alpha-Benzene hexachloride | EPA8080 | 0.05 µg/L | EPA8080 | 0.05 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| beta-Benzene hexachloride | EPA8080 | 0.05 µg/L | EPA8080 | 0.05 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| delta-Benzene hexachloride | EPA8270 | 10 µg/L | EPA8080 | 0.05 µg/L |
| | EPA8080 | 0.05 µg/L | – | – |
| Benzidine | EPA8270 | 10 µg/L | EPA8270 | 50 µg/L |
| Benzo[*a*]anthracene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Benzo[*b*]fluoranthene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Benzo[*k*]fluoranthene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Benzoic acid | – | – | EPA8270 | 50 µg/L |
| Benzo[*g,h,i*]perylene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Benzo[*a*]pyrene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Benzyl alcohol | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Beryllium | EPA6010 | 3 µg/L | EPA200.7 | 0.18 µg/L |
| Bis(2-chloroethoxy) methane | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Bis(2-chloroethyl) ether | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Bis(2-chloroisopropyl) ether | EPA8240 | 10 µg/L | EPA8270 | 10 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| Bis(2-ethylhexyl) phthalate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Bromodichloromethane | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| Bromoform | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| Bromomethane (Methyl bromide) | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| 4-Bromophenyl phenyl ether | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Butylbenzyl phthalate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2-sec-Butyl-4,6-dinitrophenol | EPA8270 | 10 µg/L | EPA8270 | 50 µg/L |
| Cadmium | EPA6010 | 2 µg/L | EPA200.7 | 0.35 µg/L |
| Calcium | EPA6010 | 10 µg/L | EPA200.7 | 14.4 µg/L |
| Carbon disulfide | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| Carbon tetrachloride | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| | EPA8010 | 1 µg/L | EPA8010 | 1 µg/L |
| Chlordane | EPA8080 | 0.5 µg/L | EPA8080 | 0.5 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| Chloride | EPA300.0 | 250 µg/L | EPA325.2 | 250 µg/L |
| 4-Chloroaniline | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Chlorobenzene | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| Chlorobenzilate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| para-Chloro-meta-cresol | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Chloroethane | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| Chloroethene (Vinyl chloride) | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| 2-Choroethyl vinyl ether | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| Chloroform | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| | EPA8010 | 1 µg/L | EPA8010 | 1 µg/L |
| Chloromethane (Methyl chloride) | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| 2-Chloronaphthalene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2-Chlorophenol | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 4-Chlorophenyl phenyl ether | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |

– No detection limit or not analyzed.

**Table 21. Methods and Detection Limits Used by the Primary Laboratories** (cont.)

| Analyte | GE Method | GE Detection Limit | WA Method | WA Detection Limit |
|---|---|---|---|---|
| Chloroprene | EPA8240 | 200 µg/L | EPA8240 | 20 µg/L |
| Chromium | EPA6010 | 4 µg/L | EPA200.7 | 1.1 µg/L |
| Chrysene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Cobalt | EPA6010 | 4 µg/L | EPA200.7 | 0.88 µg/L |
| Copper | EPA6010 | 4 µg/L | EPA200.7 | 1.1 µg/L |
| m-Cresol (3-Methylphenol) | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| o-Cresol (2-Methylphenol) | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| p-Cresol (4-Methylphenol) | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Cyanide | EPA9012 | 5 µg/L | EPA335.3 | 5 µg/L |
| p,p'-DDD | EPA8080 | 0.1 µg/L | EPA8080 | 0.1 µg/L |
| | EPA8270 | 10 µg/L | - | - |
| p,p'-DDE | EPA8080 | 0.1 µg/L | EPA8080 | 0.1 µg/L |
| | EPA8270 | 10 µg/L | - | - |
| p,p'-DDT | EPA8080 | 0.1 µg/L | EPA8080 | 0.1 µg/L |
| | EPA8270 | 10 µg/L | - | - |
| Diallate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Dibenz[*a,h*]anthracene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Dibenzofuran | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Dibromochloromethane | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| 1,2-Dibromo-3-chloropropane | EPA8240 | 1 µg/L | EPA8240 | 20 µg/L |
| Dibromomethane (Methylene bromide) | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| 1,2-Dibromoethane | EPA8240 | 20 µg/L | EPA8240 | 20 µg/L |
| Di-n-butyl phthalate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 1,2-Dichlorobenzene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| | EPA8240 | 1 µg/L | - | - |
| 1,3-Dichlorobenzene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| | EPA8240 | 1 µg/L | - | - |
| 1,4-Dichlorobenzene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| | EPA8240 | 1 µg/L | - | - |
| 3,3'-Dichlorobenzidine | EPA8270 | 10 µg/L | EPA8270 | 20 µg/L |
| trans-1,4-Dichloro-2-butene | EPA8240 | 30 µg/L | EPA8240 | 100 µg/L |
| Dichlorodifluoromethane | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| 1,1-Dichloroethane | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| 1,2-Dichloroethane | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| cis-1,2-Dichloroethene | - | - | EPA8240 | 5 µg/L |
| 1,1-Dichloroethylene | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| trans-1,2-Dichloroethylene | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| Dichloromethane (Methylene chloride) | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| 2,4-Dichlorophenol | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2,6-Dichlorophenol | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2,4-Dichlorophenoxyacetic acid | EPA8150 | 0.3 µg/L | EPA8150 | 1 µg/L |
| 1,2-Dichloropropane | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| cis-1,3-Dichloropropene | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| trans-1,3-Dichloropropene | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| Dieldrin | EPA8080 | 0.5 µg/L | EPA8080 | 0.1 µg/L |
| | EPA8270 | 10 µg/L | - | - |
| Diethyl phthalate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |

- No detection limit or not analyzed.

**Table 21. Methods and Detection Limits Used by the Primary Laboratories** (cont.)

| Analyte | GE Method | GE Detection Limit | WA Method | WA Detection Limit |
|---|---|---|---|---|
| Dimethoate | EPA8270 | 10 µg/L | – | – |
| p-Dimethylaminoazobenzene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 7,12-Dimethylbenz[a]-anthracene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 3,3'-Dimethylbenzidine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| a,a-Dimethylphenethylamine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2,4-Dimethyl phenol | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Dimethyl phthalate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 1,3-Dinitrobenzene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 4,6-Dinitro-ortho-cresol | – | – | EPA8270 | 50 µg/L |
| 2,4-Dinitrophenol | EPA8270 | 45 µg/L | EPA8270 | 50 µg/L |
| 2,4-Dinitrotoluene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2,6-Dinitrotoluene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Di-n-octyl phthalate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 1,4-Dioxane | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Diphenylamine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 1,2-Diphenylhydrazine | EPA8270 | 10 µg/L | – | – |
| Dissolved organic carbon | EPA9060 | 1,000 µg/L | EPA415.1 | 500 µg/L |
| Disulfoton | EPA8270 | 10 µg/L | – | – |
| Endosulfan I | EPA8080 | 0.1 µg/L | EPA8080 | 0.05 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| Endosulfan II | EPA8080 | 0.1 µg/L | EPA8080 | 0.1 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| Endosulfan sulfate | EPA8080 | 0.1 µg/L | EPA8080 | 0.1 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| Endrin | EPA8080 | 0.006 µg/L | EPA8080 | 0.1 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| Endrin aldehyde | EPA8080 | 0.1 µg/L | EPA8080 | 0.1 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| Ethylbenzene | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| Ethyl methacrylate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Ethyl methanesulfonate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Famphur | EPA8270 | 10 µg/L | – | – |
| Fluoranthene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Fluorene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Fluoride | EPA340.2 | 100 µg/L | EPA340.2 | 100 µg/L |
| Heptachlor | EPA8080 | 0.05 µg/L | EPA8080 | 0.05 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| Heptachlor epoxide | EPA8080 | 0.05 µg/L | EPA8080 | 0.05 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| Heptachlorodibenzo-p-dioxin isomers | EPA8280 | 0.00065 µg/L | – | – |
| 1,2,3,4,6,7,8-HPCDD | EPA8280 | 0.00065 µg/L | – | – |
| Heptachlorodibenzo-p-furan isomers | EPA8280 | 0.00045 µg/L | – | – |
| 1,2,3,4,6,7 8-HPCDF | EPA8280 | 0.00045 µg/L | – | – |
| Hexachlorobenzene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Hexachlorobutadiene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Hexachlorocyclopentadiene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Hexachlorodibenzo-p-dioxin isomers | EPA8280 | 0.00045 µg/L | EPA8280 | 0.0017 µg/L |

– No detection limit or not analyzed.

**Table 21. Methods and Detection Limits Used by the Primary Laboratories** (cont.)

| Analyte | GE Method | GE Detection Limit | WA Method | WA Detection Limit |
|---|---|---|---|---|
| 1,2,3,4,7,8-HXCDD | EPA8280 | 0.00045 µg/L | – | – |
| Hexachlorodibenzo-p-furan isomers | EPA8280 | 0.0004 µg/L | EPA8280 | 0.0011 µg/L |
| 1,2,3,4,7,8-HXCDF | EPA8280 | 0.0004 µg/L | – | – |
| Hexachloroethane | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Hexachlorophene | EPA8270 | 10 µg/L | EPA8270 | 90 µg/L |
| Hexachloropropene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2-Hexanone | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| Indeno[1,2,3-c,*d*]pyrene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Iodine | APHA415A | 50 µg/L | – | – |
| Iodomethane (Methyl iodide) | EPA8240 | 15 µg/L | EPA8240 | 10 µg/L |
| Iron | EPA6010 | 4 µg/L | EPA200.7 | 1.9 µg/L |
| Isobutyl alcohol | EPA8240 | 100 µg/L | EPA8240 | 20 µg/L |
| Isodrin | EPA8270 | 10 µg/L | EPA8080 | 0.1 µg/L |
| Isophorone | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Isosafrole | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Kepone | EPA8270 | 10 µg/L | EPA8080 | 0.1 µg/L |
| Lead | EPA7421 | 3 µg/L | EPA239.2 | 2 µg/L |
| Lindane (gamma-Benzene hexachloride) | EPA8080 | 0.005 µg/L | EPA8080 | 0.05 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| Lithium | EPA6010 | 5 µg/L | EPA200.7 | 2.8 µg/L |
| Magnesium | EPA6010 | 2 µg/L | EPA200.7 | 8.9 µg/L |
| Manganese | EPA6010 | 2 µg/L | EPA200.7 | 0.35 µg/L |
| Mercury | EPA7470 | 0.2 µg/L | EPA245.1 | 0.2 µg/L |
| Methacrylonitrile | EPA8240 | 50 µg/L | EPA8240 | 20 µg/L |
| Methapyrilene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Methoxychlor | EPA8080 | 0.5 µg/L | EPA8080 | 0.5 µg/L |
| 3-Methylcholanthrene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2-Methyl-4,6-dinitrophenol | EPA8270 | 10 µg/L | – | – |
| Methyl ethyl ketone | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| Methyl isobutyl ketone | EPA8240 | 1 µg/L | – | – |
| Methyl methacrylate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Methyl methanesulfonate | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2-Methylnaphthalene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 4-Methyl-2-pentanone | – | – | EPA8240 | 10 µg/L |
| Naphthalene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 1,4-Naphthoquinone | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 1-Naphthylamine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2-Naphthylamine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Nickel | EPA6010 | 4 µg/L | EPA200.7 | 3.1 µg/L |
| Nitrate as nitrogen | – | – | EPA353.2 | 20 µg/L |
| Nitrate-nitrite as nitrogen | EPA353.3 | 50 µg/L | – | – |
| Nitrite as nitrogen | EPA300.0 | 10 µg/L | EPA353.2 | 10 µg/L |
| 2-Nitroaniline | EPA8270 | 10 µg/L | EPA8270 | 50 µg/L |
| 3-Nitroaniline | EPA8270 | 10 µg/L | EPA8270 | 50 µg/L |
| 4-Nitroaniline | EPA8270 | 10 µg/L | EPA8270 | 50 µg/L |
| Nitrobenzene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2-Nitrophenol | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 4-Nitrophenol | EPA8270 | 10 µg/L | EPA8270 | 50 µg/L |
| 4-Nitroquinoline-1-oxide | EPA8270 | 10 µg/L | EPA8270 | 20 µg/L |

– No detection limit or not analyzed.

**Table 21. Methods and Detection Limits Used by the Primary Laboratories** (cont.)

| Analyte | GE Method | GE Detection Limit | WA Method | WA Detection Limit |
|---|---|---|---|---|
| N-Nitrosodi-n-butylamine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| N-Nitrosodiethylamine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| N-Nitrosodimethylamine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| N-Nitrosodiphenylamine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| N-Nitrosodi-propylamine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| N-Nitrosomethylethylamine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| N-Nitrosomorpholine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| N-Nitrosopiperidine | EPA8270 | 10 µg/L | EPA8270 | 50 µg/L |
| N-Nitrosopyrrolidine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 5-Nitro-o-toluidine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Octachlorodibenzo-p-dioxin isomers | EPA8280 | 0.001 µg/L | – | – |
| Octachlorodibenzo-p-furan isomers | EPA8280 | 0.001 µg/L | – | – |
| Oil & grease | EPA413.1 | 1,000 µg/L | EPA413.1 | 1,000 µg/L |
| Parathion | EPA8080 | 0.05 µg/L | – | – |
| Parathion methyl | EPA8080 | 0.05 µg/L | – | – |
| PCB 1016 | EPA8080 | 0.5 µg/L | EPA8080 | 0.5 µg/L |
| | EPA8270 | 150 µg/L | – | – |
| PCB 1221 | EPA8080 | 0.5 µg/L | EPA8080 | 0.5 µg/L |
| | EPA8270 | 150 µg/L | – | – |
| PCB 1232 | EPA8080 | 0.5 µg/L | EPA8080 | 0.5 µg/L |
| | EPA8270 | 150 µg/L | – | – |
| PCB 1242 | EPA8080 | 0.5 µg/L | EPA8080 | 0.5 µg/L |
| | EPA8270 | 150 µg/L | – | – |
| PCB 1248 | EPA8080 | 0.5 µg/L | EPA8080 | 0.5 µg/L |
| | EPA8270 | 150 µg/L | – | – |
| PCB 1254 | EPA8080 | 0.5 µg/L | EPA8080 | 1 µg/L |
| | EPA8270 | 150 µg/L | – | – |
| PCB 1260 | EPA8080 | 0.5 µg/L | EPA8080 | 1 µg/L |
| | EPA8270 | 150 µg/L | – | – |
| Pentachlorobenzene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Pentachlorodibenzo-p-dioxin isomers | EPA8280 | 0.00055 µg/L | EPA8280 | 0.0033 µg/L |
| 1,2,3,7,8-PCDD | EPA8280 | 0.00055 µg/L | – | – |
| Pentachlorodibenzo-p-furan isomers | EPA8280 | 0.00055 µg/L | EPA8280 | 0.0025 µg/L |
| 1,2,3,7,8-PCDF | EPA8280 | 0.00055 µg/L | – | – |
| Pentachloroethane | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Pentachloronitrobenzene | EPA8270 | 10 µg/L | EPA8270 | 50 µg/L |
| Pentachlorophenol | EPA8270 | 10 µg/L | EPA8270 | 50 µg/L |
| Phenacetin | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Phenanthrene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Phenol | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Phenols | EPA420.2 | 5 µg/L | EPA420.2 | 5 µg/L |
| | – | – | EPA420.1 | 5 µg/L |
| p-Phenylenediamine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Phorate | EPA8080 | 0.1 µg/L | – | – |
| 2-Picoline | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |

– No detection limit or not analyzed.

**Table 21. Methods and Detection Limits Used by the Primary Laboratories** (cont.)

| Analyte | GE Method | GE Detection Limit | WA Method | WA Detection Limit |
|---|---|---|---|---|
| Potassium | EPA6010 | 500 µg/L | EPA200.7 | 83.5 µg/L |
| Pronamid | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Propionitrile | EPA8240 | 200 µg/L | EPA8240 | 50 µg/L |
| Pyrene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Pyridine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Safrole | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Selenium | EPA7740 | 2 µg/L | EPA270.2 | 2 µg/L |
| Silica | EPA6010 | 100 µg/L | EPA200.7 | 25.5 µg/L |
| Silica, total | EPA6010 | 100 µg/L | – | – |
| Silver | EPA6010 | 2 µg/L | EPA200.7 | 0.7 µg/L |
| Sodium | EPA6010 | 10 µg/L | EPA200.7 | 111 µg/L |
| Specific conductance | EPA120.1 | 1 µS/cm | EPA120.1 | 1 µS/cm |
| Styrene | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| Sulfate | EPA300.0 | 1,000 µg/L | EPA300.0 | 250 µg/L |
| | – | – | EPA375.4 | 2,500 µg/L |
| Sulfide | EPA9030 | 1,000 µg/L | EPA376.2 | 100 µg/L |
| Sulfotepp | EPA8270 | 10 µg/L | – | – |
| 1,2,4,5-Tetrachlorobenzene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Tetrachlorodibenzo-p-dioxin isomers | EPA8280 | 0.00045 µg/L | EPA8280 | 0.0033 µg/L |
| 2,3,7,8-TCDD | EPA8280 | 0.00045 µg/L | EPA8280 | 0.0023 µg/L |
| Tetrachlorodibenzo-p-furan isomers | EPA8280 | 0.0004 µg/L | EPA8280 | 0.0023 µg/L |
| 2,3,7,8-TCDF | EPA8280 | 0.0004 µg/L | – | – |
| 1,1,1,2-Tetrachloroethane | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| 1,1,2,2-Tetrachloroethane | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| Tetrachloroethylene | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| | EPA8010 | 1 µg/L | EPA8010 | 1 µg/L |
| 2,3,4,6-Tetrachlorophenol | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Thallium | EPA7841 | 2 µg/L | EPA279.2 | 2 µg/L |
| Thionazin | EPA8270 | 10 µg/L | – | – |
| Tin | EPA6010 | 2 µg/L | EPA200.7 | 1.9 µg/L |
| Toluene | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| o-Toluidine | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Total dissolved solids | EPA160.1 | 1,000 µg/L | EPA160.2 | 1,000 µg/L |
| Total organic carbon | EPA9060 | 1,000 µg/L | EPA415.1 | 500 µg/L |
| Total organic halogens | EPA9020 | 5 µg/L | EPA9020A | 5 µg/L |
| Total petroleum hydrocarbons | EPA418.1 | 1,000 µg/L | EPA418.1 | 1,020 µg/L |
| Total phosphates (as P) | EPA365.1 | 50 µg/L | EPA365.2 | 20 µg/L |
| Total suspended solids | EPA160.2 | 1,000 µg/L | – | – |
| Toxaphene | EPA8080 | 0.24 µg/L | EPA8080 | 1 µg/L |
| | EPA8270 | 10 µg/L | – | – |
| 2,4,5-TP (Silvex) | EPA8150 | 0.09 µg/L | EPA8150 | 0.5 µg/L |
| Tributyl phosphate | EPA8270 | 10 µg/L | – | – |
| 1,2,4-Trichlorobenzene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 1,1,1-Trichloroethane | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| | EPA8010 | 1 µg/L | EPA8010 | 1 µg/L |
| 1,1,2-Trichloroethane | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |

– No detection limit or not analyzed.

**Table 21. Methods and Detection Limits Used by the Primary Laboratories** (cont.)

| Analyte | GE Method | GE Detection Limit | WA Method | WA Detection Limit |
|---|---|---|---|---|
| Trichloroethylene | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| | EPA8010 | 1 µg/L | EPA8010 | 1 µg/L |
| Trichlorofluoromethane | EPA8240 | 1 µg/L | EPA8240 | 5 µg/L |
| 2,4,5-Trichlorophenol | EPA8270 | 10 µg/L | EPA8270 | 50 µg/L |
| 2,4,6-Trichlorophenol | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| 2,4,5-Trichlorophenoxyacetic acid | EPA8150 | 0.09 µg/L | EPA8150 | 0.5 µg/L |
| 1,2,3-Trichloropropane | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| O,O,O-Triethyl phosphorothioate | EPA8270 | 10 µg/L | – | – |
| 1,3,5-Trinitrobenzene | EPA8270 | 10 µg/L | EPA8270 | 10 µg/L |
| Turbidity | EPA180.1 | 0.1 NTU | EPA180.1 | 0.2 NTU |
| Uranium | EPA6010 | 20 µg/L | – | – |
| Vanadium | EPA6010 | 8 µg/L | EPA200.7 | 0.88 µg/L |
| Vinyl acetate | EPA8240 | 1 µg/L | EPA8240 | 10 µg/L |
| Xylenes | EPA8240 | 2 µg/L | EPA8240 | 5 µg/L |
| Zinc | EPA6010 | 2 µg/L | EPA200.7 | 0.35 µg/L |
| Gross alpha | EPA900.0 | 2E-09 µCi/mL | – | – |
| Nonvolatile beta | EPA900.0 | 2E-09 µCi/mL | – | – |
| Total alpha-emitting radium | EPA900.1 | 1E-09 µCi/mL | – | – |
| Tritium | EPA906.0 | 7E-07 µCi/mL | – | – |

**Table 22. Methods and Detection Limits Used by the Radionuclide Laboratories**

**Environmental Physics (GP) and Teledyne Isotopes (TE)**

| Analyte | GP Method | GP Detection Limit | TE Method | TE Detection Limit |
|---|---|---|---|---|
| Americium-241 | HASL300 | 1E-09 µCi/mL | – | – |
| Antimony-125 | HASL300 | 2E-08 µCi/mL | – | – |
| Cerium-144 | HASL300 | 6E-08 µCi/mL | – | – |
| Cesium-134 | HASL300 | 1E-08 µCi/mL | – | – |
| Cesium-137 | HASL300 | 1E-08 µCi/mL | – | – |
| Cobalt-57 | HASL300 | 1E-08 µCi/mL | – | – |
| Cobalt-60 | HASL300 | 1E-08 µCi/mL | – | – |
| Curium-242 | HASL300 | 1E-09 µCi/mL | – | – |
| Curium 243/244 | HASL300 | 1E-09 µCi/mL | – | – |
| Europium-152 | HASL300 | 4E-08 µCi/mL | – | – |
| Europium-154 | HASL300 | 2E-08 µCi/mL | – | – |
| Europium-155 | HASL300 | 3E-08 µCi/mL | – | – |
| Gross alpha | EPA900.0 | 2E-09 µCi/mL | – | – |
| Iodine-129 | HASL300 | 2E-09 µCi/mL | HASL300 | 2E-09 µCi/mL |
| Manganese-54 | HASL300 | 1E-08 µCi/mL | – | – |
| Neptunium-237 | – | – | HASL300 | 1E-08 µCi/mL |
| Nonvolatile beta | EPA900.0 | 2E-09 µCi/mL | – | – |
| Plutonium-238 | HASL300 | 1E-09 µCi/mL | – | – |
| Plutonium-239/240 | HASL300 | 1E-09 µCi/mL | – | – |
| Potassium-40 | HASL300 | 1.1E-07 µCi/mL | – | – |
| Promethium-144 | HASL300 | 1E-08 µCi/mL | – | – |

– No detection limit or not analyzed.

**Table 22. Methods and Detection Limits Used by the Radionuclide Laboratories** (cont.)

| | GP | | TE | |
|---|---|---|---|---|
| Analyte | Method | Detection Limit | Method | Detection Limit |
| Promethium-146 | HASL300 | 1E-08 μCi/mL | - | - |
| Radium-226 | HASL300 | 1E-09 μCi/mL | - | - |
| Radium-228 | HASL300 | 1E-09 μCi/mL | HASL300 | 1E-09 μCi/mL |
| Ruthenium-106 | HASL300 | 9E-08 μCi/mL | - | - |
| Sodium-22 | HASL300 | 1E-08 μCi/mL | - | - |
| Strontium-89 | HASL300 | 2E-09 μCi/mL | - | - |
| Strontium-90 | HASL300 | 2E-09 μCi/mL | - | - |
| Technetium-99 | HASL300 | 3E-07 μCi/mL | - | - |
| Thorium-228 | HASL300 | 1E-09 μCi/mL | - | - |
| Thorium-230 | HASL300 | 1E-09 μCi/mL | - | - |
| Thorium-232 | HASL300 | 1E-09 μCi/mL | - | - |
| Tritium | EPA906.0 | 7E-07 μCi/mL | - | - |
| Uranium-234 | HASL300 | 1E-09 μCi/mL | - | - |
| Uranium-235 | HASL300 | 1E-09 μCi/mL | - | - |
| Uranium-238 | HASL300 | 1E-09 μCi/mL | - | - |
| Yttrium-88 | HASL300 | 6E-08 μCi/mL | - | - |
| Zinc-65 | HASL300 | 2E-08 μCi/mL | - | - |

**TMA/Eberline (TM)**

| | TM | |
|---|---|---|
| Analyte | Method | Detection Limit |
| Gross alpha | EPA900.0 | 1E-09 μCi/mL |
| Nonvolatile beta | EPA900.0 | 1.4E-09 μCi/mL |
| Radium-226 | EMLRA-05 | 5.5E-10 μCi/mL |
| Radium-228 | EPA904.0 | 3E-10 μCi/mL |
| Tritium | EPA906.0 | 5.5E-07 μCi/mL |
| Uranium | ASTMD5174 | 0.03 μg/L |

**Clemson Technical Center, Inc. (CN)**

| | CN | |
|---|---|---|
| Analyte | Method | Detection Limit |
| Americium-241 | CTC0009 | 1E-9 μCi/mL |
| Antimony-125 | EPA901.1 | 2.5E-08 μCi/mL |
| Cerium-144 | EPA901.1 | 5E-08 μCi/mL |
| Cesium-134 | EPA901.1 | 1E-08 μCi/mL |
| Cesium-137 | EPA901.1 | 1E-08 μCi/mL |
| Cobalt-57 | EPA901.1 | 1E-08 μCi/mL |
| Cobalt-60 | EPA901.1 | 1.2E-08 μCi/mL |
| Curium-242 | CTC0009 | 1E-09 μCi/mL |
| Curium-243/244 | CTC0009 | 1E-09 μCi/mL |
| Europium-152 | EPA901.1 | 5E-08 μCi/mL |
| Europium-154 | EPA901.1 | 2.5E-08 μCi/mL |
| Europium-155 | EPA901.1 | 2.5E-08 μCi/mL |

- No detection limit or not analyzed.

**Table 22. Methods and Detection Limits Used by the Radionuclide Laboratories** (cont.)

| | CN | |
|---|---|---|
| Analyte | Method | Detection Limit |
| Gross alpha | CTC0002 | 2E-09 μCi/mL |
| Iodine-129 | EPA901.1 | 2E-09 μCi/mL |
| Manganese-54 | EPA901.1 | 1E-08 μCi/mL |
| Neptunium-237 | EPA901.1 | 4.5E-08 μCi/mL |
| Nonvolatile beta | CTC0002 | 2E-09 μCi/mL |
| Plutonium-238 | CTC0009 | 1E-09 μCi/mL |
| Plutonium-239/240 | CTC0009 | 1E-09 μCi/mL |
| Potassium-40 | EPA901.1 | 2.5E-07 μCi/mL |
| Promethium-144 | EPA901.1 | 1E-08 μCi/mL |
| Promethium-146 | EPA901.1 | 2.3E-08 μCi/mL |
| Radium-226 | EPA903.1 | 1E-09 μCi/mL |
| | EPA901.1 | 2.2E-07 μCi/mL |
| | EPA903.0 | 1E-09 μCi/mL |
| | EPA904.0 | 1E-09 μCi/mL |
| Radium-228 | EPA904.0 | 1E-09 μCi/mL |
| Ruthenium-103 | EPA901.1 | 1E-08 μCi/mL |
| Ruthenium-106 | EPA901.1 | 8E-08 μCi/mL |
| Sodium-22 | EPA901.1 | 1E-08 μCi/mL |
| Strontium-89 | EPA905.0 | 2E-09 μCi/mL |
| Strontium-90 | EPA905.0 | 2E-09 μCi/mL |
| Technetium-99 | MMEC038 | 3E-07 μCi/mL |
| Thorium-228 | EPA901.1 | 4E-07 μCi/mL |
| | CTC0009 | 1E-09 μCi/mL |
| Thorium-230 | CTC0009 | 1E-09 μCi/mL |
| Thorium-232 | CTC0009 | 1E-09 μCi/mL |
| Tritium | EPA906.0 | 7E-07 μCi/mL |
| Uranium-234 | CTC0009 | 1E-09 μCi/mL |
| | CTC0002 | 1E-09 μCi/mL |
| Uranium-235 | EPA901.1 | 1.5E-08 μCi/mL |
| | CTC0009 | 1E-09 μCi/mL |
| | CTC0002 | 1E-09 μCi/mL |
| Uranium-238 | CTC0009 | 1E-09 μCi/mL |
| | CTC0002 | 1E-09 μCi/mL |
| Yttrium-88 | EPA901.1 | 1E-08 μCi/mL |
| Zinc-65 | EPA901.1 | 2.3E-08 μCi/mL |

# NOTES

# 7. QUALITY CONTROL SAMPLES

## REPLICATE AND DUPLICATE ANALYSES OF SAMPLES

Blind replicate and duplicate samples are analyzed by the primary laboratories, General Engineering (GE) and Roy F. Weston, Inc. (Weston or WA), in order to satisfy quality assurance standards. The replicate and duplicate analytical results are used to generate Mean Relative Difference (MRD) indexes, which are used to evaluate a laboratory's performance.

For intralaboratory comparisons, 10% of the samples generally are analyzed in duplicate. In addition, EPD/EMS sends blind replicates of approximately 5% of the total samples to the laboratories for analysis. The results of the blind replicate analyses are used for both intralaboratory and interlaboratory comparisons.

All of these results are included in the **Analytical Results** section of this report. Results from duplicate samples are included in the main table for a given well and sample date. Results from analyses of replicate samples and from any duplicate analyses made on the replicates are reported in a second table for the same well and sample date.

Table 23 lists the names and sample dates of wells used as blind replicates for GE and Weston.

**Table 23. Wells Providing Blind Replicate Samples**

**To GE**

| Well | Sample Date |
|---|---|
| ABP 4 | 07/14/92 |
| ASB 3A | 07/16/92 |
| ASB 5A | 08/06/92 |
| BGO 8D | 08/03/92 |
| BGO 10AR | 08/04/92 |
| BGO 50D | 08/14/92 |
| BGX 6D | 07/31/92 |
| BGX 12C | 07/30/92 |
| BRD 1 | 08/03/92 |
| CBR 2D | 08/01/92 |
| DOB 2 | 07/15/92 |
| FNB 4 | 08/24/92 |
| FSB 78A | 07/05/92 |
| FSB 88C | 07/04/92 |
| FSB 99A | 07/15/92 |
| FSB100A | 07/10/92 |
| FSB120A | 07/19/92 |
| FSB123D | 07/06/92 |
| HMD 2D | 07/01/92 |
| HSB 65 | 07/06/92 |

**To GE** (cont.)

| Well | Sample Date |
|---|---|
| HSB 70 | 07/07/92 |
| HSB 85C | 07/08/92 |
| HSB105C | 07/10/92 |
| HSB122A | 07/17/92 |
| HSB140C | 07/22/92 |
| HSB146C | 07/24/92 |
| LAC 4 | 08/01/92 |
| LCO 3 | 08/27/92 |
| MSB 1B | 07/13/92 |
| MSB 11B | 07/09/92 |
| MSB 12TB | 07/17/92 |
| MSB 19B | 07/08/92 |
| MSB 39C | 07/07/92 |
| MSB 43D | 07/20/92 |
| MSB 48A | 07/25/92 |
| MSB 62B | 07/21/92 |
| MSB 70C | 08/08/92 |
| NPM 19B | 08/29/92 |
| NPM 34C | 08/28/92 |
| P 26D | 09/17/92 |

**Table 23. Wells Providing Blind Replicate Samples** (cont.)

**To GE** (cont.)

| Well | Sample Date |
|---|---|
| P 28A | 09/02/92 |
| RAC 1 | 08/22/92 |
| SRW 4 | 07/11/92 |
| SRW 13A | 07/12/92 |
| TBG 1 | 09/21/92 |
| TNX 9D | 09/17/92 |
| XSB 3A | 09/14/92 |
| YSB 2A | 09/16/92 |
| YSC 4C | 08/26/92 |
| ZBG 1 | 08/26/92 |
| ZDT 2 | 07/27/92 |

**To Weston**

| Well | Sample Date |
|---|---|
| CMP 11B | 09/10/92 |
| CMP 14C | 09/11/92 |
| HAC 4 | 08/21/92 |
| KAC 8 | 08/02/92 |
| LFW 6 | 08/25/92 |
| LFW 59D | 09/04/92 |
| PSS 2D | 08/23/92 |

Certain analytes were not present in concentrations above detection limits in any well samples having replicates or duplicates. These analytes are not considered in further evaluation of replicate and duplicate analyses. They are listed in Table 24. See Tables 21 and 22 on pages 60–69 for the detection limits that are effective this quarter.

**Table 24. Analytes Not Showing Measurable Concentrations Above Detection Limits in Any Replicated or Duplicated Samples**

| Analyte | Number of Analyses | | Analyte | Number of Analyses | |
|---|---|---|---|---|---|
| | GE | WA | | GE | WA |
| Acenaphthene | 66 | 29 | Bis(2-chloroethyl) ether | 66 | 37 |
| Acenaphthylene | 66 | 37 | Bis(2-chloroisopropyl) ether | 12 | 24 |
| Acetonitrile (Methyl cyanide) | 29 | 14 | Bromodichloromethane | 201 | 110 |
| Acetophenone | 50 | 28 | Bromoform | 201 | 110 |
| 2-Acetylaminofluorene | 36 | 17 | Bromomethane (Methyl bromide) | 201 | 110 |
| Acrolein | 48 | 14 | 4-Bromophenyl phenyl ether | 66 | 37 |
| Acrylonitrile | 48 | 14 | 2-sec-Butyl-4,6-dinitrophenol | 34 | 17 |
| Aldrin | 80 | 15 | Chlordane | 80 | 19 |
| Allyl chloride | 29 | 4 | 4-Chloroaniline | 36 | 17 |
| 4-Aminobiphenyl | 36 | 17 | Chlorobenzene | 201 | 98 |
| Ammonia nitrogen | 2 | – | Chlorobenzilate | 36 | 17 |
| Aniline | 36 | 17 | Chloroethene (Vinyl chloride) | 201 | 110 |
| Anthracene | 66 | 37 | Chloromethane (Methyl chloride) | 201 | 110 |
| Aramite | 36 | 17 | para-Chloro-meta-cresol | 64 | 29 |
| alpha-Benzene hexachloride | 80 | 19 | 2-Chloroethyl vinyl ether | 209 | 96 |
| beta-Benzene hexachloride | 80 | 19 | 2-Chloronaphthalene | 66 | 37 |
| delta-Benzene hexachloride | 80 | 19 | 2-Chlorophenol | 64 | 29 |
| Benzidine | 12 | 20 | 4-Chlorophenyl phenyl ether | 66 | 37 |
| Benzoic acid | – | 4 | Chloroprene | 29 | 24 |
| Benzo[*a*]anthracene | 66 | 37 | Chrysene | 66 | 37 |
| Benzo[*b*]fluoranthene | 66 | 37 | m-Cresol (3-Methylphenol) | 34 | 13 |
| Benzo[*k*]fluoranthene | 66 | 37 | o-Cresol (2-Methylphenol) | 34 | 17 |
| Benzo[*g,h,i*]perylene | 66 | 37 | p-Cresol (4-Methylphenol) | 34 | 17 |
| Benzo[*a*]pyrene | 66 | 37 | Diallate | 36 | 17 |
| Benzyl alcohol | 36 | 17 | p,p'-DDD | 80 | 19 |
| Bis(2-chloroethoxy) methane | 66 | 37 | p,p'-DDE | 80 | 19 |

– No replicate or duplicate analyses performed.

**Table 24. Analytes Not Showing Measurable Concentrations Above Detection Limits in Any Replicated or Duplicated Samples** (cont.)

| Analyte | Number of Analyses | | Analyte | Number of Analyses | |
|---|---|---|---|---|---|
| | GE | WA | | GE | WA |
| p,p'-DDT | 80 | 15 | Heptachlor | 80 | 15 |
| Dibenz[*a,h*]anthracene | 66 | 37 | Heptachlor epoxide | 80 | 19 |
| Dibenzofuran | 36 | 36 | Heptachlorodibenzo-p-dioxin isomers | 42 | - |
| Dibromochloromethane | 201 | 110 | 1,2,3,4,6,7,8-HPCDF | 42 | - |
| 1,2-Dibromo-3-chloropropane | 29 | 14 | Heptachlorodibenzo-p-furan isomers | 42 | - |
| 1,2-Dibromoethane | 29 | 14 | Hexachlorobenzene | 66 | 37 |
| Dibromomethane | | | Hexachlorobutadiene | 66 | 37 |
| (Methylene bromide) | 29 | 14 | Hexachlorocyclopentadiene | 66 | 37 |
| 1,2-Dichlorobenzene | 56 | 36 | 1,2,3,4,7,8-HXCDD | 42 | - |
| 1,3-Dichlorobenzene | 56 | 36 | 1,2,3,4,7,8-HXCDF | 42 | - |
| 1,4-Dichlorobenzene | 56 | 28 | Hexachlorodibenzo-p-furan isomers | 42 | 10 |
| 3,3'-Dichlorobenzidine | 66 | 37 | Hexachloroethane | 66 | 37 |
| trans-1,4-Dichloro-2-butene | 29 | 14 | Hexachlorophene | 34 | 17 |
| Dichlorodifluoromethane | 48 | 14 | Hexachloropropene | 36 | 17 |
| cis-1,2-Dichloroethene | - | 2 | Indeno[1,2,3-*c,d*]pyrene | 66 | 37 |
| trans-1,2-Dichloroethylene | 201 | 108 | Iodomethane (Methyl iodide) | 29 | 14 |
| 2,4-Dichlorophenol | 64 | 37 | Isobutyl alcohol | 29 | 14 |
| 2,6-Dichlorophenol | 34 | 17 | Isodrin | 36 | 19 |
| 1,2-Dichloropropane | 201 | 110 | Isophorone | 66 | 37 |
| cis-1,3-Dichloropropene | 201 | 110 | Isosafrole | 36 | 17 |
| trans-1,3-Dichloropropene | 196 | 106 | Lindane (gamma-Benzene | | |
| Dieldrin | 80 | 15 | hexachloride) | 173 | 98 |
| Dimethoate | 36 | - | Methacrylonitrile | 29 | 14 |
| p-Dimethylaminoazobenzene | 36 | 17 | Methapyrilene | 36 | 17 |
| 3,3'-Dimethylbenzidine | 36 | 17 | Methoxychlor | 141 | 122 |
| 7,12-Dimethylbenz[*a*]anthracene | 36 | 17 | 3-Methylcholanthrene | 36 | 17 |
| a,a-Dimethylphenethylamine | 36 | 17 | 2-Methyl-4,6-dinitrophenol | 64 | - |
| 2,4-Dimethyl phenol | 64 | 37 | Methyl isobutyl ketone | 29 | - |
| Dimethyl phthalate | 66 | 37 | Methyl methacrylate | 36 | 17 |
| Di-n-octyl-phthalate | 66 | 37 | Methyl methanesulfonate | 36 | 17 |
| 1,3-Dinitrobenzene | 36 | 17 | 2-Methylnaphthalene | 36 | 17 |
| 4,6-Dinitro-ortho-cresol | - | 36 | 4-Methyl-2-pentanone | - | 14 |
| 2,4-Dinitrophenol | 64 | 37 | Naphthalene | 80 | 37 |
| 2,4-Dinitrotoluene | 66 | 29 | 1-Naphthylamine | 36 | 17 |
| 2,6-Dinitrotoluene | 66 | 37 | 2-Naphthylamine | 36 | 17 |
| 1,4-Dioxane | 36 | 17 | 1,4-Naphthoquinone | 36 | 17 |
| Diphenylamine | 36 | 17 | Nitrate as nitrogen | 24 | 11 |
| 1,2-Diphenylhydrazine | 12 | - | 2-Nitroaniline | 36 | 17 |
| Disulfoton | 36 | - | 3-Nitroaniline | 36 | 17 |
| Endosulfan I | 80 | 19 | 4-Nitroaniline | 36 | 17 |
| Endosulfan II | 80 | 19 | Nitrobenzene | 66 | 37 |
| Endosulfan sulfate | 80 | 19 | 5-Nitro-o-toluidine | 36 | 17 |
| Endrin | 173 | 98 | 2-Nitrophenol | 64 | 37 |
| Endrin aldehyde | 80 | 19 | 4-Nitrophenol | 64 | 29 |
| Ethyl methacrylate | 36 | 17 | 4-Nitroquinoline-1-oxide | 36 | 17 |
| Ethyl methanesulfonate | 36 | 17 | N-Nitrosodi-n-butylamine | 36 | 17 |
| Famphur | 36 | - | N-Nitrosodiethylamine | 36 | 17 |
| Fluoranthene | 66 | 37 | N-Nitrosodimethylamine | 66 | 37 |
| Fluorene | 66 | 37 | N-Nitrosodiphenylamine | 66 | 37 |
| 1,2,3,4,6,7,8-HPCDD | 42 | - | N-Nitrosomethylethylamine | 36 | 17 |

- No replicate or duplicate analyses performed.

**Table 24. Analytes Not Showing Measurable Concentrations Above Detection Limits in Any Replicated or Duplicated Samples** (cont.)

| Analyte | Number of Analyses GE | WA |
|---|---|---|
| N-Nitrosomorpholine | 36 | 17 |
| N-Nitrosopiperidine | 36 | 17 |
| N-Nitrosodipropylamine | 66 | 29 |
| N-Nitrosopyrrolidine | 36 | 17 |
| Octachlorodibenzo-p-dioxin isomers | 42 | - |
| Octachlorodibenzo-p-furan isomers | 42 | - |
| Oil & Grease | 2 | 2 |
| Parathion | 48 | - |
| Parathion methyl | 48 | - |
| PCB 1016 | 80 | 31 |
| PCB 1221 | 80 | 31 |
| PCB 1232 | 80 | 31 |
| PCB 1242 | 80 | 31 |
| PCB 1248 | 80 | 31 |
| PCB 1254 | 80 | 31 |
| PCB 1260 | 80 | 31 |
| 1,2,3,7,8-PCDD | 42 | - |
| Pentachlorobenzene | 36 | 17 |
| Pentachlorodibenzo-p-dioxin isomers | 42 | 10 |
| 1,2,3,7,8-PCDF | 42 | - |
| Pentachloroethane | 36 | 17 |
| Pentachloronitrobenzene | 36 | 17 |
| Pentachlorophenol | 64 | 29 |
| Phenacetin | 36 | 17 |
| Phenanthrene | 66 | 37 |
| p-Phenylenediamine | 36 | 17 |
| Phorate | 48 | - |
| 2-Picoline | 36 | 17 |
| Pronamid | 36 | 17 |
| Propionitrile | 29 | 14 |
| Pyrene | 66 | 29 |
| Pyridine | 36 | 17 |
| Safrole | 36 | 17 |
| Styrene | 29 | 14 |
| Sulfide | 62 | 16 |
| Sulfotepp | 36 | - |
| 1,2,4,5-Tetrachlorobenzene | 36 | 17 |
| 2,3,7,8-TCDD | 42 | 10 |
| 2,3,7,8-TCDF | 42 | - |
| Tetrachlorodibenzo-p-dioxin isomers | 42 | 10 |
| 1,1,1,2-Tetrachloroethane | 29 | 14 |
| 2,3,4,6-Tetrachlorophenol | 34 | 17 |
| Thionazin | 36 | - |
| o-Toluidine | 36 | 17 |
| Toxaphene | 173 | 122 |
| Tributyl phosphate | 13 | - |
| 2,4,5-T | 37 | 3 |
| 1,2,4-Trichlorobenzene | 66 | 29 |
| 2,4,5-Trichlorophenol | 34 | 17 |
| 2,4,6-Trichlorophenol | 64 | 37 |
| 1,2,3-Trichloropropane | 29 | 14 |
| O,O,O-Triethyl phosphorothioate | 36 | - |
| 1,3,5-Trinitrobenzene | 36 | 17 |
| Vinyl acetate | 29 | 14 |
| Xylenes | 49 | 26 |
| Americium-241 | 45 | - |
| Antimony-125 | 102 | - |
| Cerium-144 | 102 | - |
| Cesium-134 | 102 | - |
| Cesium-137 | 102 | - |
| Curium-242 | 28 | - |
| Curium-243/244 | 28 | - |
| Cobalt-57 | 102 | - |
| Europium-152 | 102 | - |
| Europium-154 | 102 | - |
| Europium-155 | 102 | - |
| Iodine-129 | 6 | - |
| Manganese-54 | 102 | - |
| Plutonium-238 | 41 | - |
| Plutonium-239/240 | 41 | - |
| Promethium-144 | 102 | - |
| Promethium-146 | 102 | - |
| Ruthenium-106 | 102 | - |
| Sodium-22 | 102 | - |
| Thorium-228 | 37 | - |
| Thorium-232 | 37 | - |
| Uranium-235 | 79 | - |
| Yttrium-88 | 102 | - |
| Zinc-65 | 102 | - |

## Intralaboratory Comparisons

There are two types of intralaboratory comparisons: in-house duplicates and blind replicates. The mean relative difference (MRD) was developed by EPD/EMS personnel to assess the reproducibility of identical chemical analyses. For both intralaboratory comparisons, the MRD is defined as the average absolute difference between an original sample and its duplicate or blind replicate, expressed as a percentage of the mean of those two values. It is calculated as

- No replicate or duplicate analyses performed.

$$MRD = \left\{ \frac{\sum_{i=1}^{n} \left( |x_i - y_i| \,/\, [(x_i + y_i)/2] \right)}{n} \right\} \times 100,$$

where

$x_i$ = an analyte's mean concentration in a water sample for the $i^{th}$ well,
$y_i$ = the analyte's mean concentration in the replicate or duplicate, and
$n$ = the number of pairs of observations.

For the in-house duplicate comparisons, the quantities $x_i$ and $y_i$ represent the results for the original sample and the in-house duplicate, respectively. For the blind replicate comparisons, $x_i$ and $y_i$ represent the results for the known sample and the EPD blind replicate, respectively. Generally, the closer the original results and their replicate or duplicate results are to each other, the lower the MRD.

### *Normalizing Data to the Reference Detection Limit*

Because some detection limits may be anomalously high (due to dilution or other effects, for example), it is necessary to use a reference detection limit (RDL) in the MRD calculations. This is set as the 90th percentile value. All the results less than the RDL are adjusted up to that value. Results that are detection limit values above the RDL are eliminated from the MRD index calculations. By definition, fewer than 10% of the detection limit values are above the RDL.

The intralaboratory MRD indexes for GE and Weston are listed in Tables 25 and 26, respectively.

**Table 25. Intralaboratory MRD Index for GE**

| | | In-house Duplicates | | Blind Replicates | |
|---|---|---|---|---|---|
| Analyte | RDL | Number of Analyses | MRD | Number of Analyses | MRD |
| Acetone | 100 µg/L | 10 | - | 4 | - |
| Alkalinity (as $CaCO_3$) | * | 3 | 1.29 | 2 | 6.23 |
| Aluminum | 20 µg/L | 82 | 0.49 | 25 | 2.2 |
| Antimony | 2.0 µg/L | 59 | 2.00 | 25 | - |
| Arsenic | 2.0 µg/L | 93 | 0.35 | 50 | 0.29 |
| Barium | 3.0 µg/L | 102 | 0.44 | 50 | 3.87 |
| Benzene | 1.0 µg/L | 50 | - | 37 | 0.49 |
| Beryllium | 3.0 µg/L | 52 | - | 8 | - |
| Bis(2-ethylhexyl) phthalate | 10 µg/L | 17 | - | 8 | - |
| Butylbenzyl phthalate | 10 µg/L | 17 | - | 8 | - |
| Cadmium | 2.0 µg/L | 122 | 0.12 | 52 | - |
| Calcium | 10 µg/L | 86 | 2.31 | 35 | 8.18 |
| Carbon disulfide | 1.0 µg/L | 10 | 6.36 | 4 | - |
| Carbon tetrachloride | 1.0 µg/L | 74 | 0.17 | 39 | 2.10 |
| Chloride | 250 µg/L | 102 | 1.64 | 44 | 4.91 |
| Chloroethane | 1.0 µg/L | 50 | - | 37 | 4.40 |
| Chloroform | 1.0 µg/L | 73 | 1.18 | 39 | 1.06 |
| Chromium | 4.0 µg/L | 106 | 0.03 | 51 | 1.90 |
| Cobalt | 4.0 µg/L | 77 | 0.19 | 20 | - |
| Copper | 4.0 µg/L | 97 | 0.26 | 33 | 2.84 |
| Cyanide | 5.0 µg/L | 55 | - | 25 | - |
| Di-n-butyl phthalate | 10 µg/L | 17 | - | 8 | - |

- No results above RDL among those analyses included in calculating the MRD.
* No detection limit, or no duplicate or replicate results below detection limit.

**Table 25. Intralaboratory MRD Index for GE** (cont.)

| Analyte | RDL | In-house Duplicates Number of Analyses | In-house Duplicates MRD | Blind Replicates Number of Analyses | Blind Replicates MRD |
|---|---|---|---|---|---|
| 1,1-Dichloroethane | 1.0 µg/L | 50 | - | 37 | 6.06 |
| 1,2-Dichloroethane | 1.0 µg/L | 50 | - | 37 | 0.49 |
| 1,1-Dichloroethylene | 1.0 µg/L | 50 | - | 37 | 2.63 |
| Dichloromethane (Methylene chloride) | 1.0 µg/L | 53 | 15.46 | 39 | 35.92 |
| 2,4-Dichlorophenoxyacetic acid | 0.3 µg/L | 46 | - | 28 | - |
| Diethyl phthalate | 10 µg/L | 17 | - | 8 | - |
| Dissolved organic carbon | 1,000 µg/L | 6 | 0.95 | 2 | - |
| Ethylbenzene | 1.0 µg/L | 50 | 0.33 | 37 | - |
| Fluoride | 100 µg/L | 64 | 0.82 | 35 | 1.18 |
| Hexachlorodibenzo-p-dioxin isomers | 0.45 µg/L | 17 | - | 5 | - |
| 2-Hexanone | 1.0 µg/L | 10 | 3.19 | 4 | 7.98 |
| Iodine | * | 1 | 6.67 | 0 | - |
| Iron | 4.0 µg/L | 124 | 2.73 | 50 | 13.36 |
| Kepone | 10 µg/L | 14 | - | 5 | - |
| Lead | 3.0 µg/L | 124 | 0.85 | 55 | 3.67 |
| Lithium | 5.0 µg/L | 35 | - | 2 | - |
| Magnesium | 2.0 µg/L | 86 | 11.01 | 36 | 7.27 |
| Manganese | 2.0 µg/L | 129 | 0.62 | 52 | 6.58 |
| Mercury | 0.2 µg/L | 123 | 0.68 | 52 | 2.70 |
| Methyl ethyl ketone | 1.0 µg/L | 10 | 10.08 | 4 | 19.88 |
| Nickel | 4.0 µg/L | 98 | 2.55 | 36 | 6.59 |
| Nitrate-nitrite as nitrogen | 50 µg/L | 90 | 2.29 | 47 | 23.79 |
| Pentachlorodibenzo-p-furan isomers | 0.55 µg/L | 17 | - | 5 | - |
| pH | * | 100 | 0.77 | 47 | 1.18 |
| Phenol | 10 µg/L | 16 | - | 8 | - |
| Phenols | 5.0 µg/L | 59 | 0.03 | 37 | - |
| Potassium | 500 µg/L | 86 | 0.99 | 34 | 1.84 |
| Selenium | 2.0 µg/L | 90 | - | 49 | 0.64 |
| Silica | 100 µg/L | 85 | 0.85 | 35 | 7.20 |
| Silver | 2.0 µg/L | 103 | - | 50 | 0.57 |
| Sodium | 10 µg/L | 100 | 2.38 | 43 | 6.05 |
| Specific conductance | 1.0 µS/cm | 96 | 0.89 | 45 | 4.53 |
| Sulfate | 1,000 µg/L | 98 | 1.39 | 43 | 5.42 |
| Tetrachlorodibenzo-p-furan isomers | 0.40 µg/L | 17 | - | 5 | - |
| 1,1,2,2-Tetrachloroethane | 1.0 µg/L | 50 | 0.07 | 37 | - |
| Tetrachloroethylene | 1.0 µg/L | 75 | 1.71 | 40 | 5.39 |
| Thallium | 2.0 µg/L | 41 | 0.07 | 14 | - |
| Tin | 2.0 µg/L | 55 | 10.72 | 12 | 14.22 |
| Toluene | 1.0 µg/L | 50 | 1.07 | 37 | - |
| Total dissolved solids | 1,000 µg/L | 73 | 7.06 | 32 | 10.40 |
| Total inorganic carbon | * | 0 | - | 5 | 28.02 |
| Total organic carbon | 1,000 µg/L | 96 | 2.41 | 44 | 5.63 |
| Total organic halogens | 5.0 µg/L | 118 | 2.67 | 52 | 9.38 |

- No results above RDL among those analyses included in calculating the MRD.
* No detection limit, or no duplicate or replicate results below detection limit.

**Table 25. Intralaboratory MRD Index for GE** (cont.)

| Analyte | RDL | In-house Duplicates Number of Analyses | In-house Duplicates MRD | Blind Replicates Number of Analyses | Blind Replicates MRD |
|---|---|---|---|---|---|
| Total petroleum hydrocarbons | 1,000 µg/L | 0 | – | 3 | 13.58 |
| Total phosphates (as P) | 50 µg/L | 77 | 3.35 | 40 | 17.34 |
| 2,4,5-TP (Silvex) | 0.09 µg/L | 46 | – | 29 | – |
| 1,1,1-Trichloroethane | 1.0 µg/L | 73 | 0.58 | 40 | 4.87 |
| 1,1,2-Trichloroethane | 1.0 µg/L | 50 | – | 37 | – |
| Trichloroethylene | 1.0 µg/L | 76 | 3.13 | 42 | 8.61 |
| Trichlorofluoromethane | 1.0 µg/L | 50 | 5.39 | 37 | 13.32 |
| Turbidity | 0.10 NTU | 15 | 2.69 | 6 | 18.44 |
| Uranium | 20 µg/L | 62 | 0.69 | 12 | – |
| Vanadium | 8.0 µg/L | 81 | 0.07 | 24 | – |
| Zinc | 2.0 µg/L | 93 | 0.82 | 30 | 9.78 |
| Cobalt-60 | 1.0E-08 µCi/mL | 38 | 0.76 | 15 | – |
| Gross alpha | 2.0E-09 µCi/mL | 103 | 4.41 | 52 | 7.76 |
| Nonvolatile beta | 2.0E-09 µCi/mL | 103 | 6.03 | 52 | 10.28 |
| Potassium-40 | 1.1E-07 µCi/mL | 38 | 4.24 | 15 | – |
| Radium-226 | 1.0E-09 µCi/mL | 11 | 7.66 | 15 | 34.55 |
| Radium-228 | 1.0E-09 µCi/mL | 5 | 11.88 | 13 | 55.37 |
| Strontium-89 | 2.0E-09 µCi/mL | 9 | 1.93 | 6 | – |
| Strontium-90 | 2.0E-09 µCi/mL | 13 | 0.34 | 6 | – |
| Technetium-99 | 3.0E-07 µCi/mL | 7 | 0.26 | 5 | – |
| Thorium-230 | 1.0E-09 µCi/mL | 13 | 7.73 | 6 | 5.44 |
| Total alpha-emitting radium | 1.0E-09 µCi/mL | 102 | 3.88 | 50 | 10.16 |
| Tritium | 7.0E-07 µCi/mL | 101 | 3.58 | 47 | 8.97 |
| Uranium-234 | 1.0E-09 µCi/mL | 27 | 0.10 | 14 | – |
| Uranium-238 | 1.0E-09 µCi/mL | 27 | 0.30 | 14 | – |

– No results above RDL among those analyses included in calculating the MRD.

**Table 26. Intralaboratory MRD Index for Weston**

| Analyte | RDL | In-house Duplicates Number of Analyses | In-house Duplicates MRD | Blind Replicates Number of Analyses | Blind Replicates MRD |
|---|---|---|---|---|---|
| Acetone | 50 µg/L | 2 | – | 5 | – |
| Aluminum | 14.6 µg/L | 13 | 14.95 | 25 | 18.58 |
| Antimony | 2.6 µg/L | 14 | 19.04 | 25 | 24.67 |
| Arsenic | 2.0 µg/L | 18 | – | 50 | 7.16 |
| Barium | 4.0 µg/L | 18 | 6.26 | 50 | 12.53 |
| Benzene | 5.0 µg/L | 5 | – | 38 | – |
| Beryllium | 0.18 µg/L | 9 | 3.39 | 8 | 16.36 |
| Bis(2-ethylhexyl) phthalate | 11 µg/L | 13 | 22.64 | 8 | 25.77 |
| Butylbenzyl phthalate | 11 µg/L | 12 | – | 7 | – |
| Cadmium | 0.35 µg/L | 18 | 34.44 | 52 | 23.48 |
| Calcium | 14.4 µg/L | 17 | 9.75 | 35 | 5.06 |

– No results above RDL among those analyses included in calculating the MRD.

**Table 26. Intralaboratory MRD Index for Weston** (cont.)

| Analyte | RDL | In-house Duplicates Number of Analyses | In-house Duplicates MRD | Blind Replicates Number of Analyses | Blind Replicates MRD |
|---|---|---|---|---|---|
| Carbon disulfide | 25 µg/L | 2 | * | 5 | - |
| Carbon tetrachloride | 5.0 µg/L | 10 | - | 41 | 0.15 |
| Chloride | 250 µg/L | 13 | 1.12 | 44 | 12.39 |
| Chloroethane | 10 µg/L | 7 | - | 38 | - |
| Chloroform | 5.0 µg/L | 10 | - | 41 | 0.10 |
| Chromium | 1.1 µg/L | 18 | 10.96 | 51 | 26.42 |
| Cobalt | 0.88 µg/L | 13 | 13.62 | 21 | 24.58 |
| Copper | 1.1 µg/L | 15 | 8.41 | 33 | 22.86 |
| Cyanide | 5.0 µg/L | 6 | 3.25 | 25 | - |
| Di-n-butyl phthalate | 11 µg/L | 13 | 2.40 | 8 | 4.64 |
| 1,1-Dichloroethane | 5.0 µg/L | 8 | 2.02 | 39 | 1.60 |
| 1,2-Dichloroethane | 5.0 µg/L | 7 | - | 38 | - |
| 1,1-Dichloroethylene | 5.0 µg/L | 5 | - | 38 | - |
| Dichloromethane (Methylene chloride) | 5.0 µg/L | 8 | 40.47 | 38 | 19.58 |
| 2,4-Dichlorophenoxyacetic acid | 2.2 µg/L | 11 | - | 30 | - |
| Diethyl phthalate | 11 µg/L | 13 | - | 8 | - |
| Dissolved organic carbon | 500 µg/L | 0 | - | 2 | - |
| Ethylbenzene | 5.0 µg/L | 7 | - | 38 | - |
| Fluoride | 100 µg/L | 18 | 1.36 | 35 | 1.11 |
| Hexachlorodibenzo-p-dioxin isomers | 1.8 µg/L | 0 | - | 5 | - |
| 2-Hexanone | 50 µg/L | 2 | - | 5 | - |
| Iron | 1.9 µg/L | 18 | 20.55 | 50 | 36.05 |
| Kepone | 0.23 µg/L | 4 | 26.39 | 5 | 22.71 |
| Lead | 2.0 µg/L | 18 | 9.51 | 55 | 23.62 |
| Lithium | 2.8 µg/L | 7 | 36.59 | 2 | 80.51 |
| Magnesium | 8.9 µg/L | 18 | 14.62 | 36 | 5.0 |
| Manganese | 0.35 µg/L | 18 | 13.79 | 52 | 11.98 |
| Mercury | 0.20 µg/L | 21 | 3.04 | 52 | 3.51 |
| Methyl ethyl ketone | 50 µg/L | 2 | - | 5 | - |
| Nickel | 3.1 µg/L | 16 | 3.23 | 36 | 12.45 |
| Nitrate as nitrogen | * | 3 | 1.94 | 47 | 22.34 |
| Pentachlorodibenzo-p-furan isomers | 2.5 µg/L | 0 | - | 5 | - |
| pH | * | 53 | 0.04 | 47 | 3.93 |
| Phenol | 11 µg/L | 6 | - | 8 | - |
| Phenols | 5.0 µg/L | 23 | 6.32 | 36 | 1.01 |
| Potassium | 83.5 µg/L | 18 | 29.84 | 35 | 26.83 |
| Selenium | 2.0 µg/L | 18 | 1.81 | 50 | 5.35 |
| Silica | * | 18 | 3.72 | 35 | 3.68 |
| Silver | 0.70 µg/L | 18 | 22.89 | 50 | 24.24 |
| Sodium | 111 µg/L | 18 | 3.85 | 43 | 4.44 |
| Specific conductance | 1.0 µS/cm | 54 | 0.23 | 45 | 4.43 |
| Sulfate | 2,500 µg/L | 16 | 0.51 | 43 | 3.65 |

* No results above RDL among those analyses included in calculating the MRD.
- No detection limit, or no duplicate or replicate results below detection limit.

**Table 26. Intralaboratory MRD Index for Weston** (cont.)

| Analyte | RDL | In-house Duplicates Number of Analyses | In-house Duplicates MRD | Blind Replicates Number of Analyses | Blind Replicates MRD |
|---|---|---|---|---|---|
| Tetrachlorodibenzo-p-furan isomers | 2.3 µg/L | 0 | - | 5 | - |
| 1,1,2,2-Tetrachloroethane | 5.0 µg/L | 7 | - | 38 | - |
| Tetrachloroethylene | 5.0 µg/L | 9 | 1.44 | 41 | 0.60 |
| Thallium | 2.0 µg/L | 11 | - | 14 | 9.09 |
| Tin | 1.9 µg/L | 11 | 47.77 | 12 | 22.94 |
| Toluene | 5.0 µg/L | 5 | - | 38 | - |
| Total dissolved solids | 1,000 µg/L | 24 | 4.57 | 32 | 34.27 |
| Total inorganic carbon | * | 0 | - | 5 | 3.53 |
| Total organic carbon | 500 µg/L | 3 | 5.77 | 45 | 16.64 |
| Total organic halogens | 10 µg/L | 13 | 8.86 | 53 | 22.96 |
| Total petroleum hydrocarbons | 1,020 µg/L | 2 | - | 3 | - |
| Total phosphates (as P) | 20 µg/L | 8 | 7.72 | 40 | 28.33 |
| 2,4,5-TP (Silvex) | 1.1 µg/L | 11 | - | 30 | - |
| 1,1,1-Trichloroethane | 5.0 µg/L | 7 | - | 41 | 0.77 |
| 1,1,2-Trichloroethane | 5.0 µg/L | 7 | - | 38 | - |
| Trichloroethylene | 5.0 µg/L | 10 | 8.98 | 42 | 1.80 |
| Trichlorofluoromethane | 5.0 µg/L | 7 | - | 38 | 0.37 |
| Turbidity | 0.20 NTU | 11 | 0.04 | 6 | 33.08 |
| Uranium | 0.03 µg/L | 24 | 0.72 | 16 | 44.69 |
| Vanadium | 0.88 µg/L | 15 | 16.79 | 24 | 32.60 |
| Zinc | * | 13 | 30.87 | 30 | 36.34 |
| Gross alpha | 1.2E-09 µCi/mL | 33 | 20.71 | 43 | 18.25 |
| Nonvolatile beta | 2.2E-09 µCi/mL | 33 | 22.35 | 46 | 21.36 |
| Radium-226 | 6.4E-10 µCi/mL | 33 | 25.93 | 46 | 20.32 |
| Radium-228 | 9.0E-10 µCi/mL | 34 | 29.56 | 45 | 24.39 |
| Tritium | 5.5E-07 µCi/mL | 26 | 4.76 | 35 | 7.74 |

- No results above RDL among those analyses included in calculating the MRD.
* No detection limit, or no duplicate or replicate results below detection limit.

## Calculations for Interlaboratory Comparisons

For interlaboratory comparisons, the MRD is calculated as the average absolute difference between the laboratories for the $i^{th}$ well expressed as a percentage of the mean of both laboratories. For these comparisons, $x_i$ and $y_i$ represent the mean analyte concentrations for the $i^{th}$ well; $x_i$ represents the mean from one laboratory and $y_i$ represents the mean from the other. The means are calculated from the known sample results and the EPD blind replicate results.

### *Choosing an RDL*

For interlaboratory comparisons, a new RDL must be established for calculation of the MRD. The interlaboratory RDL is chosen as the 90th percentile value from the array of detection limits from both laboratories; i.e., that detection limit value at or below which are 90% of the detection limit values from both laboratories.

### *Normalizing Data to the RDL*

All the results less than the RDL are adjusted to the new RDL value. Results that are de-

tection limit values above the RDL are eliminated from the MRD index comparison and from the *t*-tests. By definition, fewer than 10% of the detection limit values are above the RDL.

In addition to the interlaboratory MRD calculations, paired *t*-tests are performed to see if the difference between the mean concentrations of an analyte from the same well reported by each laboratory is significant. The *t*-test tests the null hypothesis that there is no significant difference in the concentrations reported by the two laboratories. The MRD and the *t*-test results for analytes with at least one pair of results above the interlaboratory RDL are listed in Table 27.

**Table 27. Interlaboratory MRD and *t*-Test Results for Analytes with at Least One Pair of Results Above the RDL**

| Analyte | RDL | MRD | *t*-Test Probability* |
|---|---|---|---|
| Aluminum | 20 µg/L | 11.53 | .251 |
| Antimony | 2.6 µg/L | 25.86 | .008 |
| Arsenic | 2.0 µg/L | 5.41 | .260 |
| Barium | 4.0 µg/L | 8.85 | .758 |
| Bis(2-ethylhexyl) phthalate | 10 µg/L | 23.24 | .243 |
| Cadmium | 2.0 µg/L | 5.59 | .082 |
| Calcium | 14.4 µg/L | 11.09 | .701 |
| Carbon tetrachloride | 5.0 µg/L | 0.13 | .323 |
| Chloride | 250 µg/L | 18.00 | .153 |
| Chloroform | 5.0 µg/L | 0.61 | .323 |
| Chromium | 4.0 µg/L | 4.60 | .357 |
| Copper | 4.0 µg/L | 6.05 | .365 |
| Cyanide | 5.0 µg/L | 0.28 | .327 |
| Di-n-butyl phthalate | 10 µg/L | 2.35 | .210 |
| 1,1-Dichloroethane | 5.0 µg/L | 2.71 | .416 |
| Dichloromethane (Methylene chloride) | 5.0 µg/L | 27.26 | .0003 |
| Fluoride | 100 µg/L | 1.31 | .741 |
| Hexachlorodibenzo-p-dioxin isomers | 0.45 µg/L | 13.27 | .391 |
| Iron | 4.0 µg/L | 47.47 | .281 |
| Lead | 3.0 µg/L | 16.88 | .204 |
| Lithium | 5.0 µg/L | 14.96 | .303 |
| Magnesium | 2.0 µg/L | 13.20 | .520 |
| Manganese | 2.0 µg/L | 9.80 | .474 |
| Mercury | 0.20 µg/L | 4.62 | .960 |
| Nickel | 4.0 µg/L | 9.75 | .409 |
| pH | † | 6.81 | .750 |
| Phenols | 5.0 µg/L | 0.73 | .161 |
| Potassium | 500 µg/L | 8.44 | .493 |
| Selenium | 2.0 µg/L | 4.39 | .275 |
| Silica | 100 µg/L | 11.79 | .0004 |
| Silver | 2.0 µg/L | 4.12 | .016 |
| Sodium | 111 µg/L | 7.09 | .102 |
| Specific conductance | 1.0 | 11.09 | .447 |
| Sulfate | 2,500 µg/L | 6.02 | .594 |
| Tetrachloroethylene | 5.0 µg/L | 2.42 | .357 |
| Thallium | 2.0 µg/L | 6.67 | .336 |
| Tin | 2.0 µg/L | 27.89 | .208 |
| Total dissolved solids | 1,000 µg/L | 59.87 | .964 |

* Values less than .050 indicate a probability of less than 1 in 20 that the results for that analyte are the same from both laboratories.

† No detection limit, or no replicate or duplicate results below detection limit.

**Table 27. Interlaboratory MRD and *t*-Test Results for Analytes With at Least One Pair of Results Above the RDL** (cont.)

| Analyte | RDL | MRD | *t*-Test Probability* |
|---|---|---|---|
| Total inorganic carbon | † | 50.41 | .765 |
| Total organic carbon | 1,000 µg/L | 7.32 | .240 |
| Total organic halogens | 5.0 µg/L | 40.29 | .015 |
| Total petroleum hydrocarbons | 1,020 µg/L | 14.99 | .252 |
| Total phosphates (as P) | 50 µg/L | 34.43 | .648 |
| 2,4,5-TP (Silvex) | 0.58 µg/L | 0.03 | .324 |
| 1,1,1-Trichloroethane | 5.0 µg/L | 1.19 | .500 |
| Trichloroethylene | 5.0 µg/L | 4.30 | .741 |
| Trichlorofluoromethane | 5.0 µg/L | 3.37 | .323 |
| Turbidity | 0.20 NTU | 65.24 | .709 |
| Zinc | 2.0 µg/L | 57.67 | .007 |
| Gross alpha | 2.0E−09 µCi/mL | 11.94 | .095 |
| Nonvolatile beta | 2.0E−09 µCi/mL | 30.18 | .00004 |
| Radium-226 | 1.0E−09 µCi/mL | 31.10 | .542 |
| Radium-228 | 1.0E−09 µCi/mL | 44.96 | .227 |
| Tritium | 7.0E−07 µCi/mL | 17.77 | .306 |

* Values less than .050 indicate a probability of less than 1 in 20 that the results for that analyte are the same from both laboratories.
† No detection limit, or no replicate or duplicate results below detection limit.

## COMMENTS ON THE REPLICATE AND DUPLICATE ANALYSES

There were no high MRDs (greater than 20) for GE laboratory duplicate analyses (see Table 25). Table 28 lists the analytes and wells for which a sample result was greater than twice or less than one-half the result for its duplicate.

**Table 28. GE Samples and Laboratory Duplicates Yielding Results Where One Is More than Twice Another**

| Analyte | Wells |
|---|---|
| Antimony | EPT 39 |
| Iron | SCA 5 |
| Magnesium | EPT 49, EPT 55, EPT151 |
| Tin | BGO 16D, BGO 25A |
| Total organic carbon | FCA 9D |
| Trichloroethylene | TBG 1 |
| Trichlorofluoromethane | MSB 19C |
| Zinc | EPT168 |
| Gross alpha | RSD 1 |
| Nonvolatile beta | RSD 1 |
| Potassium-40 | RSA 7 |
| Radium-226 | TBG 1 |
| Thorium-230 | TNX 2D |

High MRDs (greater than 20) for blind replicates from GE (see Table 25) were calculated for dichloromethane (methylene chloride), nitrate-nitrite as nitrogen, total inorganic carbon, radium-226, and radium-228. Table 29 lists the analytes and wells from which one result for a sample or its blind replicate was more than twice the other.

**Table 29. GE Samples and Blind Replicates Yielding Results Where One Is More than Twice Another**

| Analyte | Wells |
|---|---|
| Barium | LFW 59D |
| Calcium | LFW 59D |
| Carbon tetrachloride | LWF 59D |
| Chloride | CBR 2D |
| Chromium | XSB 3A |
| Chloroethane | LFW 6, LFW 59D |
| 1,1-Dichloroethane | LFW 59D |
| 1,1-Dichloroethylene | LFW 59D |
| Dichloromethane (Methylene chloride) | BGO 10AR, CMP 11B, LFW 59D, MSB 1B, SRW 13A, XSB 3A |
| Iron | LFW 59D, XSB 3A |
| Magnesium | LFW 59D |
| Manganese | LFW 59D |
| Mercury | DOB 2 |
| Methyl ethyl ketone | HMD 2D |
| Nickel | MSB 12TB |
| Nitrate-nitrite as nitrogen | HSB 70, MSB 39C, MSB 62B, NPM 34C, TBG 1 |
| Silica | LFW 59D |
| Sodium | LFW 59D |
| Sulfate | YSB 2A |
| Tetrachloroethylene | BGO 50D, LFW 59D |
| Total inorganic carbon | YSB 2A |
| Total organic carbon | MSB 62B, YSB 2A |
| Total organic halogens | HSB 70 |
| Total phosphates (as P) | CBR 2D, HSB146C, KAC 8, YSB 2A |
| 1,1,1-Trichloroethane | LFW 59D |
| Trichloroethylene | LFW 59D |
| Trichlorofluoromethane | LFW 6, LFW 59D, SRW 4 |
| Zinc | MSB 48A |
| Radium-226 | CMP 14C, TBG 1 |
| Radium-228 | CMP 14C, HAC 4, KAC 8, LFW 59D, TBG 1, XSB 3A |
| Tritium | LCO 3 |

High MRDs (greater than 20) were calculated for the Weston laboratory duplicate analyses of bis (2-ethylhexyl) phthalate, cadmium, dichloromethane (methylene chloride), iron, kepone, lithium, potassium, silver, tin, zinc, gross alpha, nonvolatile beta, radium-226, and radium-228 (see Table 26). Table 30 lists analytes and wells from which samples and laboratory duplicates yielded results where one result was more than twice the other. The high MRD for iron is caused by differences in duplicate samples in wells BGO 50D, BGX 12C, EPT101, EPT103, EPT116, EPT121, EPT124, FAC 5, FSB 78A, FSB100A, HMD 2D, HSB140C, LFW 28, and LFW 43B. The high MRD for zinc is caused by differences in duplicate samples in wells BGX 12C, EPT101, EPT103, EPT106, EPT111, EPT116, EPT121, EPT124, FSB 78A, FSB100A, HMD 2D, HSB 85C, and HSB140C.

**Table 30. Weston Samples and Laboratory Duplicates Yielding Results Where One Is More than Twice Another**

| Analyte | Wells |
|---|---|
| Aluminum | BGO 8D |
| Antimony | EPT111, HMD 2D |
| Bis(2-ethylhexyl) phthalate | DOB 2 |

**Table 30. Weston Samples and Laboratory Duplicates Yielding Results Where One Is More than Twice Another** (cont.)

| Analyte | Wells |
|---|---|
| Cadmium | BGO 50D, BGX 12C, EPT116, EPT124, LFW 43B |
| Cobalt | EPT106 |
| Dichloromethane (Methylene chloride) | LFW 47D, MSB 1B, MSB 39C |
| Kepone | BGX 12C |
| Lead | EPT111 |
| Lithium | EPT101, EPT111 |
| Manganese | EPT101 |
| Phenols | SSS 7 |
| Potassium | BGO 8D, EPT103, EPT124 |
| Silver | BGO 8D, FSB 78A, EPT116, LFW 28 |
| Tin | BGX 12C, HMD 2D |
| Vanadium | EPT101 |
| Gross alpha | FNB 4, P 27TC |
| Nonvolatile beta | FSB 78A |
| Radium-226 | RAC 1 |
| Radium-228 | ABP 4, FSB 88C, FSB100A, P 28A, TBG 1 |

High MRDs (greater than 20) from Weston for blind replicates (see Table 26) were calculated for antimony, bis(2-ethylhexyl phthalate), cadmium, chromium, cobalt, copper, iron, kepone, lead, lithium, nitrate as nitrogen, potassium, silver, tin, total dissolved solids, total organic halogens, total phosphate (as P), turbidity, uranium, vanadium, zinc, nonvolatile beta, radium-226, and radium-228. Table 31 lists the analytes and wells from which samples and blind replicates yielded results where one result was more than twice the other.

**Table 31. Weston Samples and Blind Replicates Yielding Results Where One Is More than Twice Another**

| Analyte | Wells |
|---|---|
| Antimony | BGO 10AR, FSB 78A, FSB120A, MSB 1B, ZBG 1 |
| Arsenic | FSB120A, HSB122A |
| Barium | ASB 3A |
| Beryllium | SRW 13A |
| Bis(2-ethylhexyl) phthalate | DOB 2, MSB 1B |
| Cadmium | BGX 6D, HMD 2D, HSB 65, MSB 1B, NPM 19B, NPM 34C, TNX 9D, ZBG 1 |
| Chloride | HSB 85C, MSB 62B |
| Chromium | BGX 6D, CBR 2D, FSB120A, HSB105C, NPM 19B, NPM 34C, SRW 13A |
| Cobalt | FSB123D, SRW 13A |
| Copper | FSB120A, HMD 2D, HSB105C, MSB 62B |
| Dichloromethane (Methylene chloride) | CMP 14C, LCO 3, MSB 39C, MSB 62B |
| Iron | CMP 11B, FSB 78A, FSB 88C, FSB100A, FSB120A, HSB146C, LFW 59D, NPM 34C, SRW 4, TBG 1 |
| Kepone | BGX 12C |
| Lead | HSB 70, KAC 8, LFW 59D, NPM 19B, NPM 34C, P 26D, TBG 1 |
| Lithium | ABP 4, BRD 1 |
| Manganese | FSB100A |
| Mercury | ASB 3A, MSB 19B |

**Table 31. Weston Samples and Blind Replicates Yielding Results Where One Is More than Twice Another** (cont.)

| Analyte | Wells |
|---|---|
| Nickel | BRD 1, FSB120A |
| Nitrate as nitrogen | BGO 10AR, HMD 2D, HSB122A, HSB140C, P 26D, TNX 9D |
| Potassium | HMD 2D |
| Selenium | FSB120A |
| Silver | BGO 10AR, FSB 78A, FSB 99A, HSB105C, KAC 8, MSB 39C, P 26D, XSB 3A, YSB 2A |
| Sulfate | LFW 6 |
| Tin | DOB 2 |
| Thallium | FSB120A |
| Total dissolved solids | BGO 8D, BGX 6D, FSB 99A, HAC 4, HSB140C |
| Total organic carbon | HSB140C, SRW 4, XSB 3A |
| Total organic halogens | DOB 2, FSB 88C, FSB100A, FSB123D, HSB 70, XSB 3A |
| Total phosphates (as P) | HAC 4, MSB 62B, NPM 19B |
| Turbidity | HAC 4 |
| Uranium | FSB 88C, FSB 99A, FSB123D, MSB 11B, MSB 12TB, SRW 13A |
| Vanadium | BGX 6D, FSB100A, FSB123D, HMD 2D, SRW 13A |
| Zinc | HSB 65, HSB146C, MSB 1B, MSB 62B, SRW 13A |
| Gross alpha | ASB 5A, FSB 78A, MSB 39C, RAC 1 |
| Nonvolatile beta | CBR 2D, DOB 2, MSB 19B |
| Radium-226 | ABP 4, BGO 10AR |
| Radium-228 | BGO 50D, HSB 85C, HSB146C, P 28A, SRW 4, TBG 1, TNX 9D |
| Tritium | FSB123D |

Interlaboratory comparison results (see Table 27) yielded MRDs greater than 20 for several analytes: antimony, bis(2-ethylhexyl) phthalate, dichloromethane (methylene chloride), iron, tin, total dissolved solids, total inorganic carbon, total organic halogens, total phosphates (as P), turbidity, zinc, nonvolatile beta, radium-226, and radium-228. Table 32 lists analytes and wells where a result from one laboratory was more than twice the corresponding result from the other laboratory. The high MRDs for antimony, dichloromethane (methylene chloride), total organic halogens, zinc, and nonvolatile beta correspond with low *t*-test probabilities. High MRD values indicate imprecise data. Low probability values indicate a significant, consistent bias between the laboratories, with one laboratory reporting results as consistently higher or lower than another.

**Table 32. Analytes with One Laboratory's Result Greater than Twice the Result from the Other Laboratory**

| Analyte | Wells |
|---|---|
| Antimony | BGO 10AR, FSB 78A, FSB 88C, HSB 70, MSB 1B, ZBG 1 |
| Arsenic | FSB120A, HSB122A |
| Barium | ASB 3A |
| Bis(2-ethylhexyl) phthalate | DOB 2 |
| Cadium | BGX 12C, NPM 34C, QA 110C* |
| Calcium | LFW 59D, QA 110C, QA 112C* |
| Chloride | HSB 85C, MSB 11B, MSB 62B |
| Chromium | HSB105C |

* Results for blind blanks are given in Appendix B.

**Table 32. Analytes with One Laboratory's Result Greater than Twice the Result from the Other Laboratory** (cont.)

| Analyte | Wells |
|---|---|
| 1,1-Dichloroethane | LFW 59D |
| Dichloromethane (Methylene chloride) | FSB123D, LCO 3, LFW 59D, MSB 1B, MSB 11B, P 28A, QA 104C*, QA 106C*, QA 114C* |
| Iron | ASB 5A, BGO 8D, BGO 10AR, BGO 50D, FSB 88C, FSB120A, LAC 4, LCO 3, LFW 59D, MSB 70C, NPM 19B, NPM 34C, SRW 4, SRW 13A, XSB 3A |
| Lead | ABP 4, NPM 19B, NPM 34C, P 26D, TBG 1, XSB 3A |
| Magnesium | QA 110C*, QA 112C* |
| Manganese | FSB 78A |
| Mercury | ASB 3A, DOB 2 |
| Nickel | MSB 12TB |
| Selenium | FSB120A |
| Silica | QA 110C* |
| Specific conductance | QA 110C* |
| Sulfate | YSB 2A |
| Thallium | FSB120A |
| Tin | DOB 2 |
| Total dissolved solids | BGO 8D, BGO 50D, BGX 6D, BGX 12C, HMD 2D, HSB 65, HSB 70, LFW 59D, PSS 2D, QA 110C*, QA 114C*, QA 116C* |
| Total inorganic carbon | XSB 3A, YSB 2A |
| Total organic carbon | YSB 2A |
| Total organic halogens | ABP 4, BRD 1, DOB 2, FSB 78A, FSB 88C, FSB100A, FSB123D, HMD 2D, HSB 65, HSB 70, HSB146C, MSB 19B, MSB 48A, QA 106C*, QA 108C*, QA 110C* |
| Total phosphates (as P) | BGO 50D, HAC 4, HSB 70, KAC 8, NPM 19B, NPM 34C, QA 108C* |
| Trichlorofluoromethane | LFW 59D |
| Turbidity | HSB 65, KAC 8, QA 108C* |
| Zinc | ASB 5A, FSB120A, HSB 65, HSB 85C, HSB122A, HSB146C, MSB 19B, MSB 39C, MSB 62B, SRW 13A, YSB 2A |
| Gross alpha | BGO 50D, RAC 1 |
| Nonvolatile beta | DOB 2, FSB100A, HSB105C, MSB 11B, MSB 39C, RAC 1 |
| Radium-226 | ASB 3A |
| Radium-228 | TNX 9D |
| Tritium | P 26D, TNX 9D |

* Results for blind blanks are given in Appendix B.

Analytes with significance-of-probability values of less than .050 (see Table 27) have a 95% chance that one laboratory's results are significantly higher than those from the other laboratory. Among the seven analytes with values less than .050, only silica had significantly higher values for GE. Results for antimony, dichloromethane (methylene chloride), silver, total organic halogens, zinc, and nonvolatile beta are significantly higher for analyses from Weston. The laboratories use different methods for analyzing antimony and nonvolatile beta. See the **Methods** subsection of the **Analytical Data Review** section of this report for more information.

## QUALITY CONTROL STANDARDS

During third quarter 1992, EPD/EMS conducted a quality assessment of GE. The laboratory was sent a set of certified environmental quality control standards purchased

# QUALITY CONTROL SAMPLES

from Environmental Resource Associates (ERA) of Arvada, CO (Batch Numbers 414, 540, 544, 2536, 2539, 8906, 9941, and 9944). The results are listed in Table 33.

GE's results were compared with the ERA-certified values and advisory ranges. GE did not analyze for 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene as volatiles because of a discrepancy in analytical suites on the chain-of-custody form; there was insufficient sample volume to run both suites.

The nutrients vial was not analyzed for ammonia as N because the vial was broken in the lab. The organics (herbicides/pesticides) and toxaphene vials were accidentally thrown away before the analyses were performed. Of 81 analyses reported by GE, 78, or 96.3%, fell within the advisory range.

**Table 33. Quality Control Standards for Selected Analyses**

| Analyte | Certified Value | Advisory Range | GE Result |
|---|---|---|---|
| Cyanide (µg/L) | 315 | 180–400 | 318 |
| Phenol (µg/L) | 92 | 61–140 | 85.8 |
| Turbidity (NTU) | 3.2 | 2.8–3.6 | 2.72* |
| **Inorganics** | | | |
| Alkalinity (µg/L) | 155,000 | 138,000–172,000 | 157,000 |
| Chloride (µg/L) | 159,000 | 147,000–172,000 | 189,000* |
| Fluoride (µg/L) | 7,820 | 6,600–9,000 | 8,140 |
| Nitrate plus nitrite as nitrogen (µg/L) | 6,470 | 5,800–7,200 | 6,130 |
| pH | 9.1 | 8.9–9.3 | 9.12 |
| Total phosphates (as P) (µg/L) | 8,010 | 6,800–9,200 | 7,900 |
| Potassium (µg/L) | 169,000 | 144,000–195,000 | 167,000 |
| Specific conductance (µS/cm) | 1,260 | 1,080–1,460 | 1,120 |
| Sodium (µg/L) | 175,000 | 148,000–201,000 | 181,000 |
| Sulfate (µg/L) | 188,000 | 162,000–215,000 | 200,000 |
| Total dissolved solids (µg/L) | 996,000 | 867,000–1,130,000 | 938,000 |
| **Metals** | | | |
| Aluminum (µg/L) | 559 | 458–660 | 571 |
| Antimony (µg/L) | 94.8 | 71–112 | 104 |
| Arsenic (µg/L) | 93 | 69–110 | 90 |
| Barium (µg/L) | 119 | 97–140 | 126 |
| Beryllium (µg/L) | 129 | 105–152 | 119 |
| Boron (µg/L) | 139 | 114–164 | 135 |
| Cadmium (µg/L) | 129 | 105–152 | 132 |
| Chromium (µg/L) | 139 | 114–164 | 144 |
| Cobalt (µg/L) | 172 | 141–203 | 173 |
| Copper (µg/L) | 154 | 126–182 | 165 |
| Iron (µg/L) | 155 | 127–183 | 158 |
| Lead (µg/L) | 138 | 113–163 | 140 |
| Manganese (µg/L) | 175 | 143–206 | 177 |
| Mercury (µg/L) | 3.26 | 2.4–4.1 | 2.79 |
| Molybdenum (µg/L) | 119 | 97–140 | 123 |
| Nickel (µg/L) | 117 | 96–138 | 119 |
| Selenium (µg/L) | 108 | 81–127 | 119 |

* Results out of range.

**Table 33. Quality Control Standards for Selected Analyses** (cont.)

| Analyte | Certified Value | Advisory Range | GE Result |
|---|---|---|---|
| Silver (µg/L) | 105 | 86–124 | 106 |
| Strontium (µg/L) | 84.2 | 69–99 | 84 |
| Thallium (µg/L) | 89.2 | 66–105 | 103 |
| Vanadium (µg/L) | 93.4 | 76–110 | 94.4 |
| Zinc (µg/L) | 117 | 96–138 | 120 |
| **Cations** | | | |
| Calcium (µg/L) | 60,500 | 51,000–70,000 | 59,600 |
| Magnesium (µg/L) | 180,000 | 153,000–207,000 | 189,000 |
| Potassium (µg/L) | 76,400 | 64,000–88,000 | 82,400 |
| Sodium (µg/L) | 54,500 | 46,000–63,000 | 57,700 |
| **Grease and Oil** | | | |
| Grease and oil | 60.1 mg/bottle | 45–75 mg/bottle | 42.7 mg/bottle* |
| **Herbicides/Pesticides** | | | |
| 2,4-D (µg/L) | 5.10 | 1.5–6.6 | – |
| Endrin (µg/L) | 0.71 | 0.21–1.0 | – |
| Lindane (gamma-Benzene hexachloride) (µg/L) | .813 | 0.26–1.0 | – |
| Methoxychlor (µg/L) | 1.02 | 0.39–1.6 | – |
| Toxaphene (µg/L) | 4.80 | 2.0–6.0 | – |
| 2,4,5-TP (Silvex) (µg/L) | 2.54 | 0.76–3.3 | – |
| **Halomethanes** | | | |
| Bromodichloromethane (µg/L) | 26.1 | 9.1–40 | 22 |
| Bromoform (µg/L) | 108 | 49–180 | 99.7 |
| Chloroform (µg/L) | 10.0 | 5.1–14 | 7.76 |
| Dibromochloromethane (µg/L) | 9.40 | 5.0–14 | 7.6 |
| **Volatiles** | | | |
| Benzene (µg/L) | 34.4 | 13–52 | 27.3 |
| Carbon tetrachloride (µg/L) | 32.8 | 23–46 | 26.4 |
| Chlorobenzene (µg/L) | 10.1 | 3.7–16 | 7.88 |
| 1,2-Dichlorobenzene (µg/L) | 24.7 | 14–39 | – |
| 1,3-Dichlorobenzene (µg/L) | 16.9 | 10–26 | – |
| 1,4-Dichlorobenzene (µg/L) | 47.5 | 28–74 | – |
| 1,2-Dichloroethane (µg/L) | 32.0 | 16–50 | 27.9 |
| Dichloromethane (Methylene chloride) (µg/L) | 14.3 | 5.0–29 | 12.2 |
| Ethyl benzene (µg/L) | 7.30 | 2.7–12 | 5.8 |
| 2-Hexanone (µg/L) | 44.8 | 6.7–81 | 41.2 |
| 1,1,2,2-Tetrachloroethane (µg/L) | 107 | 49–170 | 86.4 |
| Tetrachloroethylene (µg/L) | 28.6 | 18–42 | 21.8 |

* Results out of range.
– Results not received.

**Table 33. Quality Control Standards for Selected Analyses** (cont.)

| Analyte | Certified Value | Advisory Range | GE Result |
|---|---|---|---|
| Toluene (µg/L) | 30.2 | 14–45 | 22 |
| 1,1,1-Trichloroethane (µg/L) | 42.9 | 22–69 | 35.4 |
| Trichloroethylene (µg/L) | 14.1 | 10–22 | 11 |
| **Base/Neutrals** | | | |
| Acenaphthene (µg/L) | 17.8 | 8.4–26 | 19.9 |
| Acenaphthylene (µg/L) | 87.7 | 29–130 | 70.7 |
| Anthracene (µg/L) | 20.2 | 5.5–27 | 18.9 |
| Benzo(b)fluoranthene (µg/L) | 36.1 | 8.7–57 | 31.1 |
| Bis(2-chloroethyl) ether (µg/L) | 59.3 | 14–94 | 35.9 |
| Bis(2-ethylhexyl) phthalate (µg/L) | 85.1 | 14–130 | 85.8 |
| Chrysene (µg/L) | 35.1 | 6.0–59 | 37.9 |
| Dibenzofuran (µg/L) | 112 | 63–130 | 79.4 |
| 1,2-Dichlorobenzene | 280 | 90–360 | 173 |
| 2,4-Dinitrotoluene (µg/L) | 176 | 68–240 | 89.4 |
| Hexachloroethane (µg/L) | 26.9 | 11–30 | 17 |
| Naphthalene (µg/L) | 85.7 | 33–110 | 63.8 |
| Nitrobenzene (µg/L) | 152 | 53–270 | 108 |
| N-Nitrosodi-n-propylamine (µg/L) | 43.0 | 16–69 | 39.5 |
| Phenanthrene (µg/L) | 23.0 | 12–28 | 20.8 |
| 1,2,4-Trichlorobenzene (µg/L) | 30.8 | 14–44 | 22.8 |
| **Acids** | | | |
| 2,4-Dimethyl phenol (µg/L) | 59.2 | 19–70 | 46.9 |
| para-Chloro-meta-cresol (µg/L) | 36.4 | 16–54 | 24.6 |
| Pentachlorophenol (µg/L) | 102 | 15–180 | 88.8 |
| Phenol (µg/L) | 86.5 | 13–97 | 39.8 |
| 2,4,6-Trichlorophenol (µg/L) | 42.3 | 16–61 | 29 |
| **PCBs** | | | |
| PCB 1248 (µg/L) | 3.77 | 1.4–6.0 | 2.96 |
| **Total Petroleum Hydrocarbons** | | | |
| Sample 1, no fatty acids | 63.2 mg/bottle | 38–79 | 52.3 mg/bottle |
| Sample 2, containing fatty acids | 130 mg/bottle | 78–160 | 121.9 mg/bottle |

## BLANKS

Blanks are among the quality control measures discussed in the *RCRA Ground-water Monitoring Technical Enforcement Guidance Document* (EPA, 1986d). There are two general categories of blanks: sampling blanks, which test the integrity of field sample collection methods and equipment, and laboratory quality control blanks, which test for contamination or other false positives when samples are analyzed in the laboratory.

### Sampling Blanks

Two types of sampling blanks were sent to the laboratories during third quarter. Trip blanks (denoted as QA samples throughout this report)

are sample containers of deionized water that are transported to the well sample location, left unopened, and sent to the laboratory for analysis. They can be used to check for contamination resulting from transport, shipping, and site conditions. They also are used as blind blanks to test the laboratory's reliability.

Equipment blanks (EPT) are samples of deionized water that are opened at the sampling location and poured or pumped through the sampling device or metals filter to test for equipment contamination. Results from these blanks are used to identify possible contaminants in the sampling equipment.

**Laboratory Quality Control Blanks**

Laboratory blanks, also called internal blanks, are generated internally by a laboratory to test the integrity of its procedures and equipment.

**Analytical Results and Review**

During third quarter, four trip blanks were each reported with one constituent (cadmium, total inorganic carbon, radium-228, or total alpha-emitting radium) at Flag 2 levels; another was reported with gross alpha and nonvolatile beta above Flag 2 criteria. Antimony was detected above the Flag 2 criterion in eight equipment blanks, aluminum in three equipment blanks, cadmium in one equipment blank, and uranium in one equipment blank.

The **Analytical Data Review** section lists third-quarter laboratory blanks and EPD/EMS blind blanks (trip blanks) with elevated results, along with the groundwater samples that accompanied them in their respective analytical batches.

GE found that matrix interferences appear to be responsible for low spike recoveries for antimony for EPT 6, mercury for EPT 22, and selenium for EPT 2, EPT 20, EPT 21, EPT 22, EPT 23, EPT 24, EPT 25, EPT 26, EPT 27, EPT 80, QA 36C, QA 40C, QA 42C, QA 44C, and QA 66C. Also, because of matrix interferences, GE's spike recoveries for arsenic for EPT 13 and EPT 80 were unusually high.

A number of blanks were associated with laboratory and EPD/EMS blind blanks yielding elevated results for various constituents. The following tables list the blanks having elevated results with other laboratory and EPD/EMS blind blanks analyzed in the same batches.

**Table 34. GE Laboratory Blanks Having Elevated Results and Accompanying EPD/EMS Blanks**

| Analyte | Run Date | Blank Results | EPD/EMS Blanks Accompanying Laboratory Blanks |
|---|---|---|---|
| Phenols | 7/30/92 | 6.8 µg/L | QA 50C, QA 70C, QA 72C |
| Tin | 8/13/92 | 3.43 µg/L | EPT 67, EPT 68, QA 8C |

**Table 35. Weston Laboratory Blanks Having Elevated Results and Accompanying Equipment Blanks**

| Analyte | Run Date | Blank Results | Equipment Blanks Accompanying Laboratory Blanks |
|---|---|---|---|
| Aluminum | 8/25/92 | 61.2 µg/L | EPT101, EPT102 |
| Antimony | 9/09/92 | 8.9 µg/L | EPT111, EPT112, EPT113, EPT115 |
| Antimony | 9/29/92 | 4.4 µg/L | EPT121, EPT122 |
| Lithium | 9/20/92 | 8.4 µg/L | EPT116 |
| Magnesium | 9/04/92 | 41.1 µg/L | EPT106, EPT107, EPT108, EPT109, EPT110 |
| Magnesium | 9/20/92 | 30.5 µg/L | EPT118, EPT119 |
| Thallium | 9/15/92 | 2.5 µg/L | EPT114, EPT116, EPT117, EPT118, EPT119 |
| Tin | 9/04/92 | 3.8 µg/L | EPT106, EPT107, EPT108, EPT109, EPT110 |

**Table 36. EPD/EMS Blind Blanks Having Elevated Results from GE and Accompanying Other EPD/EMS Blanks**

| Analyte | Blank | Blank Results | Other Blanks Accompanying Blind Blanks |
|---|---|---|---|
| Nitrate-nitrite as nitrogen | QA 4C; QA 22C | 140 µg/L; 350 µg/L | QA 30C |
| Nitrate-nitrite as nitrogen | QA 28C; QA 42C | 100 µg/L; 600 µg/L | QA 40C, QA 44C, QA 64C, QA 66C |
| Nitrate-nitrite as nitrogen | QA 32C | 160 µg/L | QA 46C, QA 58C |
| Nitrate-nitrite as nitrogen | QA 36C | 1,510 µg/L | QA 26C |
| Nitrate-nitrite as nitrogen | QA 52C | 150 µg/L | QA 16C |
| Nitrate-nitrite as nitrogen | QA 100C | 890 µg/L | QA 56C |
| Nitrate-nitrite as nitrogen | QA 112C | 624 µg/L | QA 76C, QA 78C |
| Silica | QA 12C | 19,400 µg/L | EPT 79, EPT 80 |
| Silica | QA 76C; QA 78C | 16,300 µg/L; 19,000 µg/L | EPT 95 |
| Silica | QA 90C | 12,300 µg/L | EPT157, EPT158 |
| Silica | QA 80C; QA 92C | 12,400 µg/L; 12,500 µg/L | EPT154 |
| Silica | QA 94C | 14,600 µg/L | EPT155, EPT156 |
| Silica | QA 112C | 25,400 µg/L | EPT 94 |
| Silica | QA 114C | 16,300 µg/L | EPT150 |
| Total dissolved solids | QA 108C | 37,000 µg/L | QA 116C |
| Total petroleum hydrocarbons | QA 106C | 1,800 µg/L | QA 104C |
| Total phosphates (as P) | QA 20C | 240 µg/L | QA 6C, QA 8C, QA 10C |
| Total phosphates (as P) | QA 26C | 62 µg/L | QA 28C |
| Total phosphates (as P) | QA 46C | 165 µg/L | QA 30C, QA 32C, QA 58C |

Radium-228 was detected in two trip blanks (QA 112C and QA 108C) from Environmental Physics; this finding was not confirmed in split samples sent to Clemson TC.

The blanks tables in **Appendix B** list the dates, field measurements, and analytical results for all three types of sampling blanks. See **Appendix A** for a key to abbreviations used in the tables.

# 8. WATER LEVEL DATA

During third quarter 1992, water level measurements were obtained for hydrogeologic projects. Most of the data presented here were obtained as concurrent data for hydrogeologic interpretation in the A/M areas. Some wells not routinely monitored for the EPD/EMS groundwater monitoring program, as well as some wells outside the A/M areas, are included in these data. Only water levels were measured for this project; no field tests of water characteristics were conducted. Ge-Hy Environmental Sampling of New Ellenton, SC, collected the data.

## WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 14:05
Depth to water: 136.29 ft (41.54 m) below TOC
Water elevation: 223.61 ft (68.16 m) msl

## WELL ABP 1DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 14:07
Depth to water: 131.64 ft (40.12 m) below TOC
Water elevation: 228.46 ft (69.64 m) msl

## WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 13:13
Depth to water: 150.08 ft (45.74 m) below TOC
Water elevation: 221.82 ft (67.61 m) msl

## WELL ABP 2DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 13:15
Depth to water: 148.77 ft (45.35 m) below TOC
Water elevation: 221.83 ft (67.61 m) msl

## WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 13:23
No water in standpipe.

## WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 13:26
Depth to water: 149.65 ft (45.61 m) below TOC
Water elevation: 204.85 ft (62.44 m) msl

## WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 9:48
Depth to water: 142.97 ft (43.58 m) below TOC
Water elevation: 221.33 ft (67.46 m) msl

## WELL ABP 4DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:56
Depth to water: 142.44 ft (43.42 m) below TOC
Water elevation: 222.56 ft (67.84 m) msl

## WELL ABP 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 13:18
Depth to water: 143.60 ft (43.74 m) below TOC
Water elevation: 221.80 ft (67.61 m) msl

## WELL ABP 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 13:01
Depth to water: 141.57 ft (43.15 m) below TOC
Water elevation: 222.63 ft (67.86 m) msl

## WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 13:10
Depth to water: 174.99 ft (53.34 m) below TOC
Water elevation: 197.11 ft (60.08 m) msl

## WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 13:06
Depth to water: 149.65 ft (45.61 m) below TOC
Water elevation: 221.25 ft (67.44 m) msl

## WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:58
Depth to water: 99.35 ft (30.28 m) below TOC
Water elevation: 225.45 ft (68.72 m) msl

## WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 15:19
Depth to water: 48.71 ft (14.85 m) below TOC
Water elevation: 213.39 ft (65.04 m) msl

## WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 15:20
Depth to water: 48.65 ft (14.83 m) below TOC
Water elevation: 213.35 ft (65.03 m) msl

## WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 13:40
Depth to water: 124.22 ft (37.86 m) below TOC
Water elevation: 220.48 ft (67.20 m) msl

# WATER LEVEL DATA

## WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 13:37
Depth to water: 117.66 ft (35.86 m) below TOC
Water elevation: 227.14 ft (69.23 m) msl

## WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 15:04
Depth to water: 92.05 ft (28.06 m) below TOC
Water elevation: 210.26 ft (64.08 m) msl

## WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 15:06
Depth to water: 90.33 ft (27.53 m) below TOC
Water elevation: 212.17 ft (64.67 m) msl

## WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:43
Depth to water: 123.17 ft (37.54 m) below TOC
Water elevation: 236.43 ft (72.06 m) msl

## WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:48
Depth to water: 111.58 ft (34.01 m) below TOC
Water elevation: 238.22 ft (72.61 m) msl

## WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:34
Depth to water: 110.60 ft (33.68 m) below TOC
Water elevation: 237.80 ft (72.48 m) msl

## WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:28
Depth to water: 121.29 ft (36.97 m) below TOC
Water elevation: 237.81 ft (72.49 m) msl

## WELL AMB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:38
Depth to water: 161.83 ft (49.33 m) below TOC
Water elevation: 218.67 ft (66.65 m) msl

## WELL AMB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:43
Depth to water: 156.55 ft (47.72 m) below TOC
Water elevation: 223.85 ft (68.23 m) msl

## WELL AMB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:40
Depth to water: 147.89 ft (45.08 m) below TOC
Water elevation: 232.41 ft (70.84 m) msl

## WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:46
Depth to water: 146.82 ft (44.75 m) below TOC
Water elevation: 232.78 ft (70.96 m) msl

## WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:51
Depth to water: 144.31 ft (43.99 m) below TOC
Water elevation: 232.89 ft (70.99 m) msl

## WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:02
Depth to water: 136.69 ft (41.66 m) below TOC
Water elevation: 233.21 ft (71.08 m) msl

## WELL AMB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:58
Depth to water: 154.91 ft (47.22 m) below TOC
Water elevation: 218.69 ft (66.66 m) msl

## WELL AMB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:00
Depth to water: 148.90 ft (45.39 m) below TOC
Water elevation: 224.10 ft (68.31 m) msl

## WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:33
Depth to water: 136.75 ft (41.68 m) below TOC
Water elevation: 232.85 ft (70.97 m) msl

## WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:28
Depth to water: 134.79 ft (41.08 m) below TOC
Water elevation: 233.11 ft (71.05 m) msl

## WELL AMB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:21
Depth to water: 148.78 ft (45.35 m) below TOC
Water elevation: 217.71 ft (66.36 m) msl

## WELL AMB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:23
Depth to water: 144.03 ft (43.90 m) below TOC
Water elevation: 222.37 ft (67.78 m) msl

## WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:18
Depth to water: 131.06 ft (39.94 m) below TOC
Water elevation: 234.45 ft (71.46 m) msl

## WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:19
Depth to water: 6.83 ft (2.08 m) below TOC
Water elevation: 358.67 ft (109.29 m) msl

## WELL AMB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:13
Depth to water: 142.16 ft (43.33 m) below TOC
Water elevation: 222.44 ft (67.80 m) msl

## WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:15
Depth to water: 128.55 ft (39.18 m) below TOC
Water elevation: 236.45 ft (71.77 m) msl

## WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:08
Depth to water: 135.81 ft (41.40 m) below TOC
Water elevation: 233.99 ft (71.32 m) msl

## WELL AMB 13AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:13
Depth to water: 147.04 ft (44.82 m) below TOC
Water elevation: 218.06 ft (66.47 m) msl

## WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:37
Depth to water: 105.36 ft (32.11 m) below TOC
Water elevation: 235.74 ft (71.85 m) msl

## WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:45
Depth to water: 109.01 ft (33.23 m) below TOC
Water elevation: 236.39 ft (72.06 m) msl

## WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:53
Depth to water: 115.19 ft (35.11 m) below TOC
Water elevation: 237.41 ft (72.36 m) msl

## WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:01
Depth to water: 139.85 ft (42.63 m) below TOC
Water elevation: 215.25 ft (65.61 m) msl

## WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:07
Depth to water: 118.76 ft (36.20 m) below TOC
Water elevation: 218.54 ft (66.61 m) msl

## WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 16:50
Depth to water: 118.78 ft (36.20 m) below TOC
Water elevation: 221.02 ft (67.37 m) msl

## WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 9:57
Depth to water: 130.61 ft (39.78 m) below TOC
Water elevation: 217.89 ft (66.41 m) msl

## WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:16
Depth to water: 112.86 ft (34.40 m) below TOC
Water elevation: 236.24 ft (72.01 m) msl

## WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:20
Depth to water: 111.45 ft (33.97 m) below TOC
Water elevation: 237.65 ft (72.41 m) msl

## WELL ASB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:21
Depth to water: 126.32 ft (38.50 m) below TOC
Water elevation: 223.08 ft (68.00 m) msl

## WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:55
Depth to water: 106.64 ft (32.50 m) below TOC
Water elevation: 238.36 ft (72.65 m) msl

## WELL ASB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:57
Depth to water: 123.28 ft (37.58 m) below TOC
Water elevation: 222.72 ft (67.89 m) msl

## WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:40
Depth to water: 98.27 ft (29.95 m) below TOC
Water elevation: 237.33 ft (72.34 m) msl

## WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:30
Depth to water: 108.51 ft (33.07 m) below TOC
Water elevation: 236.49 ft (72.08 m) msl

## WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:18
Depth to water: 114.38 ft (34.86 m) below TOC
Water elevation: 235.82 ft (71.88 m) msl

## WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:16
Depth to water: 135.93 ft (41.43 m) below TOC
Water elevation: 218.27 ft (66.53 m) msl

## WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:12
Depth to water: 129.85 ft (39.58 m) below TOC
Water elevation: 223.75 ft (68.20 m) msl

## WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:15
Depth to water: 138.66 ft (42.26 m) below TOC
Water elevation: 214.24 ft (65.30 m) msl

## WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:09
Depth to water: 118.77 ft (36.20 m) below TOC
Water elevation: 234.63 ft (71.52 m) msl

# WATER LEVEL DATA

## WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 12:01
Depth to water: 115.26 ft (35.13 m) below TOC
Water elevation: 233.76 ft (71.25 m) msl

## WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 12:05
Depth to water: 130.12 ft (39.66 m) below TOC
Water elevation: 219.18 ft (66.81 m) msl

## WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 12:07
Depth to water: 129.47 ft (39.46 m) below TOC
Water elevation: 220.33 ft (67.16 m) msl

## WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 12:08
Depth to water: 126.61 ft (38.59 m) below TOC
Water elevation: 223.09 ft (68.00 m) msl

## WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 12:03
Depth to water: 133.81 ft (40.79 m) below TOC
Water elevation: 216.78 ft (66.77 m) msl

## WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:49
Depth to water: 67.89 ft (20.69 m) below TOC
Water elevation: 241.11 ft (73.49 m) msl

## WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:46
Depth to water: 88.74 ft (27.05 m) below TOC
Water elevation: 220.26 ft (67.14 m) msl

## WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:43
Depth to water: 89.36 ft (27.24 m) below TOC
Water elevation: 220.64 ft (67.22 m) msl

## WELL ASB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 12:40
Depth to water: 126.94 ft (38.38 m) below TOC
Water elevation: 222.96 ft (67.96 m) msl

## WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:26
Depth to water: 102.89 ft (31.36 m) below TOC
Water elevation: 226.51 ft (68.74 m) msl

## WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:44
Depth to water: 125.83 ft (38.35 m) below TOC
Water elevation: 224.57 ft (68.45 m) msl

## WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:34
Depth to water: 114.46 ft (34.89 m) below TOC
Water elevation: 226.14 ft (68.62 m) msl

## WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:36
Depth to water: 143.84 ft (43.84 m) below TOC
Water elevation: 195.26 ft (59.52 m) msl

## WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:23
Depth to water: 112.03 ft (34.15 m) below TOC
Water elevation: 220.07 ft (67.08 m) msl

## WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:21
Depth to water: 136.29 ft (41.54 m) below TOC
Water elevation: 195.81 ft (59.68 m) msl

## WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:39
Depth to water: 143.44 ft (43.72 m) below TOC
Water elevation: 194.26 ft (59.21 m) msl

## WELL MCB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:41
Depth to water: 115.66 ft (35.25 m) below TOC
Water elevation: 226.04 ft (68.59 m) msl

## WELL MCB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:30
Depth to water: 119.92 ft (36.55 m) below TOC
Water elevation: 222.98 ft (67.97 m) msl

## WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:44
Depth to water: 147.05 ft (44.82 m) below TOC
Water elevation: 207.75 ft (63.32 m) msl

## WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:48
Depth to water: 139.68 ft (42.57 m) below TOC
Water elevation: 215.42 ft (65.66 m) msl

## WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:46
Depth to water: 137.60 ft (41.94 m) below TOC
Water elevation: 217.30 ft (66.23 m) msl

## WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:41
Depth to water: 124.87 ft (38.06 m) below TOC
Water elevation: 230.03 ft (70.11 m) msl

## WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:56
Depth to water: 144.85 ft (44.15 m) below TOC
Water elevation: 209.76 ft (63.93 m) msl

## WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:54
Depth to water: 137.81 ft (42.00 m) below TOC
Water elevation: 216.89 ft (66.11 m) msl

## WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:59
Depth to water: 123.27 ft (37.57 m) below TOC
Water elevation: 230.63 ft (70.27 m) msl

## WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:04
No water in standpipe.

## WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:06
Depth to water: 142.47 ft (43.43 m) below TOC
Water elevation: 218.33 ft (66.55 m) msl

## WELL MSB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:07
Depth to water: 130.06 ft (39.64 m) below TOC
Water elevation: 230.46 ft (70.24 m) msl

## WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:28
Depth to water: 149.72 ft (45.64 m) below TOC
Water elevation: 205.58 ft (62.66 m) msl

## WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:30
Depth to water: 141.55 ft (43.14 m) below TOC
Water elevation: 213.66 ft (65.12 m) msl

## WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:34
Depth to water: 126.67 ft (38.61 m) below TOC
Water elevation: 228.93 ft (69.78 m) msl

## WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 12:04
Depth to water: 117.22 ft (35.73 m) below TOC
Water elevation: 227.38 ft (69.31 m) msl

## WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 12:01
Depth to water: 137.73 ft (41.98 m) below TOC
Water elevation: 207.77 ft (63.33 m) msl

## WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:59
Depth to water: 122.52 ft (37.34 m) below TOC
Water elevation: 223.18 ft (68.03 m) msl

## WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 12:23
Depth to water: 117.58 ft (35.84 m) below TOC
Water elevation: 226.32 ft (68.98 m) msl

## WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 12:20
Depth to water: 137.45 ft (41.90 m) below TOC
Water elevation: 207.85 ft (63.35 m) msl

## WELL MSB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 12:18
Depth to water: 120.19 ft (36.63 m) below TOC
Water elevation: 224.01 ft (68.28 m) msl

## WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 12:07
Depth to water: 117.21 ft (35.73 m) below TOC
Water elevation: 227.29 ft (69.28 m) msl

## WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 12:11
Depth to water: 137.09 ft (41.79 m) below TOC
Water elevation: 207.11 ft (63.13 m) msl

## WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 12:12
Depth to water: 122.08 ft (37.21 m) below TOC
Water elevation: 222.52 ft (67.82 m) msl

## WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:30
Depth to water: 116.03 ft (35.06 m) below TOC
Water elevation: 229.17 ft (69.85 m) msl

## WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:31
Depth to water: 135.77 ft (41.38 m) below TOC
Water elevation: 208.13 ft (63.44 m) msl

## WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:34
Depth to water: 124.15 ft (37.84 m) below TOC
Water elevation: 219.85 ft (67.01 m) msl

## WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:22
Depth to water: 150.53 ft (45.88 m) below TOC
Water elevation: 208.87 ft (63.66 m) msl

# WATER LEVEL DATA

## WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:23
Depth to water: 130.15 ft (39.67 m) below TOC
Water elevation: 229.46 ft (69.94 m) msl

## WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:20
No water in standpipe.

## WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:27
Depth to water: 147.64 ft (45.00 m) below TOC
Water elevation: 207.36 ft (63.20 m) msl

## WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:22
Depth to water: 145.38 ft (44.31 m) below TOC
Water elevation: 209.32 ft (63.80 m) msl

## WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:26
Depth to water: 128.43 ft (39.15 m) below TOC
Water elevation: 227.57 ft (69.36 m) msl

## WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:16
Depth to water: 154.19 ft (47.00 m) below TOC
Water elevation: 210.71 ft (64.23 m) msl

## WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:13
Depth to water: 149.42 ft (45.54 m) below TOC
Water elevation: 215.38 ft (65.65 m) msl

## WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:11
Depth to water: 147.31 ft (44.90 m) below TOC
Water elevation: 217.59 ft (66.32 m) msl

## WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:09
Depth to water: 136.93 ft (41.74 m) below TOC
Water elevation: 228.27 ft (69.58 m) msl

## WELL MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:07
The well was dry.

## WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:17
No water in standpipe.

## WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:32
Depth to water: 141.07 ft (43.00 m) below TOC
Water elevation: 206.73 ft (63.01 m) msl

## WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:41
Depth to water: 131.89 ft (40.20 m) below TOC
Water elevation: 216.51 ft (66.99 m) msl

## WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:34
Depth to water: 126.33 ft (38.51 m) below TOC
Water elevation: 221.67 ft (67.64 m) msl

## WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:42
No water in standpipe.

## WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:37
Depth to water: 156.14 ft (47.59 m) below TOC
Water elevation: 192.36 ft (58.63 m) msl

## WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:39
Depth to water: 156.36 ft (47.66 m) below TOC
Water elevation: 192.55 ft (58.69 m) msl

## WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:51
Depth to water: 138.87 ft (42.63 m) below TOC
Water elevation: 205.33 ft (62.59 m) msl

## WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:48
Depth to water: 159.00 ft (48.46 m) below TOC
Water elevation: 186.60 ft (56.88 m) msl

## WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:53
Depth to water: 122.77 ft (37.42 m) below TOC
Water elevation: 224.13 ft (68.32 m) msl

## WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:46
Depth to water: 119.73 ft (36.49 m) below TOC
Water elevation: 227.97 ft (69.49 m) msl

## WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:48
Depth to water: 133.92 ft (40.82 m) below TOC
Water elevation: 214.38 ft (65.34 m) msl

## WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 9:46
Depth to water: 132.11 ft (40.27 m) below TOC
Water elevation: 216.59 ft (66.02 m) msl

## WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 9:45
No water in standpipe.

## WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:00
Depth to water: 148.55 ft (45.28 m) below TOC
Water elevation: 218.65 ft (66.65 m) msl

## WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:04
Depth to water: 156.37 ft (47.66 m) below TOC
Water elevation: 213.13 ft (64.96 m) msl

## WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:57
Depth to water: 123.87 ft (37.76 m) below TOC
Water elevation: 242.73 ft (73.99 m) msl

## WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:02
Depth to water: 137.92 ft (42.04 m) below TOC
Water elevation: 230.88 ft (70.37 m) msl

## WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:52
Depth to water: 148.87 ft (45.38 m) below TOC
Water elevation: 217.83 ft (66.40 m) msl

## WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:53
Depth to water: 137.62 ft (41.96 m) below TOC
Water elevation: 228.98 ft (69.79 m) msl

## WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:51
Depth to water: 142.97 ft (43.58 m) below TOC
Water elevation: 215.03 ft (65.54 m) msl

## WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:49
Depth to water: 133.58 ft (40.72 m) below TOC
Water elevation: 224.32 ft (68.37 m) msl

## WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:48
Depth to water: 146.94 ft (44.79 m) below TOC
Water elevation: 212.36 ft (64.73 m) msl

## WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:53
Depth to water: 133.07 ft (40.56 m) below TOC
Water elevation: 227.13 ft (69.23 m) msl

## WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 14:57
Depth to water: 129.67 ft (39.52 m) below TOC
Water elevation: 210.53 ft (64.17 m) msl

## WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 14:54
Depth to water: 120.28 ft (36.66 m) below TOC
Water elevation: 220.02 ft (67.06 m) msl

## WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 14:53
Depth to water: 114.28 ft (34.83 m) below TOC
Water elevation: 226.32 ft (68.98 m) msl

## WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:56
Depth to water: 86.28 ft (26.30 m) below TOC
Water elevation: 213.22 ft (64.99 m) msl

## WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:58
Depth to water: 84.10 ft (25.63 m) below TOC
Water elevation: 215.80 ft (65.78 m) msl

## WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:57
Depth to water: 62.77 ft (19.13 m) below TOC
Water elevation: 237.43 ft (72.37 m) msl

## WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:20
Depth to water: 136.90 ft (41.73 m) below TOC
Water elevation: 217.10 ft (66.17 m) msl

## WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:21
Depth to water: 127.81 ft (38.96 m) below TOC
Water elevation: 225.49 ft (68.73 m) msl

## WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:28
Depth to water: 134.43 ft (40.97 m) below TOC
Water elevation: 218.97 ft (66.74 m) msl

## WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:38
Depth to water: 135.31 ft (41.24 m) below TOC
Water elevation: 219.99 ft (67.05 m) msl

# WATER LEVEL DATA

## WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:27
Depth to water: 126.78 ft (38.34 m) below TOC
Water elevation: 227.62 ft (69.38 m) msl

## WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:30
Depth to water: 160.10 ft (48.80 m) below TOC
Water elevation: 194.60 ft (59.31 m) msl

## WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:08
No water in standpipe.

## WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:31
No water in standpipe.

## WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:29
Depth to water: 147.57 ft (44.98 m) below TOC
Water elevation: 224.03 ft (68.29 m) msl

## WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:27
Depth to water: 171.48 ft (52.27 m) below TOC
Water elevation: 201.42 ft (61.39 m) msl

## WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:16
Depth to water: 144.91 ft (44.17 m) below TOC
Water elevation: 235.29 ft (71.72 m) msl

## WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:18
Depth to water: 154.72 ft (47.16 m) below TOC
Water elevation: 226.88 ft (69.15 m) msl

## WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 13:03
No water in standpipe.

## WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 13:01
Depth to water: 148.20 ft (45.17 m) below TOC
Water elevation: 218.20 ft (66.51 m) msl

## WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14 46
No water in standpipe.

## WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:43
Depth to water: 138.62 ft (42.26 m) below TOC
Water elevation: 222.28 ft (67.76 m) msl

## WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:45
Depth to water: 145.11 ft (44.23 m) below TOC
Water elevation: 218.09 ft (66.47 m) msl

## WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:45
Depth to water: 139.33 ft (42.47 m) below TOC
Water elevation: 236.17 ft (71.99 m) msl

## WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:47
Depth to water: 146.36 ft (44.61 m) below TOC
Water elevation: 228.86 ft (69.75 m) msl

## WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:51
Depth to water: 150.16 ft (45.77 m) below TOC
Water elevation: 226.64 ft (69.08 m) msl

## WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 12:49
Depth to water: 176.52 ft (53.80 m) below TOC
Water elevation: 201.08 ft (61.29 m) msl

## WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:12
Depth to water: 124.87 ft (38.06 m) below TOC
Water elevation: 229.53 ft (69.96 m) msl

## WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:10
Depth to water: 131.90 ft (40.20 m) below TOC
Water elevation: 222.30 ft (67.76 m) msl

## WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:54
Depth to water: 145.36 ft (44.31 m) below TOC
Water elevation: 220.04 ft (67.07 m) msl

## WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:50
Depth to water: 141.02 ft (42.98 m) below TOC
Water elevation: 224.18 ft (68.33 m) msl

## WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:48
Depth to water: 134.84 ft (41.10 m) below TOC
Water elevation: 230.36 ft (70.21 m) msl

## WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:52
Depth to water: 132.70 ft (40.45 m) below TOC
Water elevation: 232.40 ft (70.84 m) msl

## WELL MSB 29DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 9:46
Depth to water: 131.99 ft (40.23 m) below TOC
Water elevation: 232.61 ft (70.90 m) msl

## WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 9:56
Depth to water: 152.70 ft (46.54 m) below TOC
Water elevation: 212.60 ft (64.77 m) msl

## WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:55
Depth to water: 156.09 ft (47.58 m) below TOC
Water elevation: 198.51 ft (60.51 m) msl

## WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:46
Depth to water: 129.37 ft (39.43 m) below TOC
Water elevation: 223.23 ft (68.04 m) msl

## WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:48
Depth to water: 128.59 ft (39.19 m) below TOC
Water elevation: 224.51 ft (68.43 m) msl

## WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:52
Depth to water: 124.18 ft (37.85 m) below TOC
Water elevation: 230.72 ft (70.32 m) msl

## WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:49
Depth to water: 129.30 ft (39.41 m) below TOC
Water elevation: 224.40 ft (68.40 m) msl

## WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:25
Depth to water: 149.84 ft (45.67 m) below TOC
Water elevation: 197.36 ft (60.16 m) msl

## WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:29
Depth to water: 135.71 ft (41.36 m) below TOC
Water elevation: 211.79 ft (64.55 m) msl

## WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:27
Depth to water: 114.14 ft (34.79 m) below TOC
Water elevation: 233.16 ft (71.07 m) msl

## WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:30
Depth to water: 136.02 ft (41.46 m) below TOC
Water elevation: 212.78 ft (64.86 m) msl

## WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:06
Depth to water: 30.40 ft (9.27 m) below TOC
Water elevation: 224.90 ft (68.55 m) msl

## WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:50
Depth to water: 38.09 ft (11.61 m) below TOC
Water elevation: 218.51 ft (66.60 m) msl

## WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:54
Depth to water: 50.66 ft (15.44 m) below TOC
Water elevation: 204.76 ft (62.41 m) msl

## WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:58
Depth to water: 47.25 ft (14.40 m) below TOC
Water elevation: 207.95 ft (63.38 m) msl

## WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:57
Depth to water: 44.42 ft (13.54 m) below TOC
Water elevation: 210.88 ft (64.28 m) msl

## WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:52
Depth to water: 60.38 ft (18.40 m) below TOC
Water elevation: 195.12 ft (59.47 m) msl

## WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:15
Depth to water: 165.77 ft (50.53 m) below TOC
Water elevation: 217.43 ft (66.27 m) msl

## WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:13
Depth to water: 158.00 ft (48.16 m) below TOC
Water elevation: 225.10 ft (68.61 m) msl

## WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:10
Depth to water: 154.93 ft (47.22 m) below TOC
Water elevation: 228.27 ft (69.58 m) msl

## WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:08
Depth to water: 180.93 ft (55.15 m) below TOC
Water elevation: 201.57 ft (61.44 m) msl

## WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:06
Depth to water: 180.47 ft (55.01 m) below TOC
Water elevation: 202.33 ft (61.67 m) msl

# WATER LEVEL DATA

## WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 15:56
Depth to water: 134.72 ft (41.06 m) below TOC
Water elevation: 216.38 ft (65.96 m) msl

## WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 15:58
Depth to water: 132.62 ft (40.42 m) below TOC
Water elevation: 219.18 ft (66.81 m) msl

## WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 16:02
No water in standpipe.

## WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 16:00
Depth to water: 150.04 ft (45.73 m) below TOC
Water elevation: 200.36 ft (61.07 m) msl

## WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:23
Depth to water: 131.07 ft (39.95 m) below TOC
Water elevation: 209.63 ft (63.87 m) msl

## WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:26
Depth to water: 126.90 ft (38.68 m) below TOC
Water elevation: 213.80 ft (65.17 m) msl

## WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:29
Depth to water: 126.95 ft (38.69 m) below TOC
Water elevation: 213.85 ft (65.18 m) msl

## WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:32
Depth to water: 103.65 ft (31.59 m) below TOC
Water elevation: 237.85 ft (72.50 m) msl

## WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:21
Depth to water: 145.38 ft (44.31 m) below TOC
Water elevation: 195.24 ft (59.51 m) msl

## WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:02
Depth to water: 175.45 ft (53.48 m) below TOC
Water elevation: 207.65 ft (63.29 m) msl

## WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:04
Depth to water: 163.70 ft (49.90 m) below TOC
Water elevation: 219.10 ft (66.78 m) msl

## WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:06
Depth to water: 155.42 ft (47.37 m) below TOC
Water elevation: 227.68 ft (69.40 m) msl

## WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:08
Depth to water: 151.55 ft (46.19 m) below TOC
Water elevation: 231.25 ft (70.49 m) msl

## WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:00
Depth to water: 174.94 ft (53.32 m) below TOC
Water elevation: 207.46 ft (63.23 m) msl

## WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:20
Depth to water: 144.69 ft (44.10 m) below TOC
Water elevation: 211.91 ft (64.59 m) msl

## WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:18
Depth to water: 141.43 ft (43.11 m) below TOC
Water elevation: 214.87 ft (65.49 m) msl

## WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:16
Depth to water: 126.06 ft (38.42 m) below TOC
Water elevation: 229.94 ft (70.09 m) msl

## WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:14
Depth to water: 160.72 ft (48.99 m) below TOC
Water elevation: 195.98 ft (59.74 m) msl

## WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 15:45
Depth to water: 133.02 ft (40.54 m) below TOC
Water elevation: 208.68 ft (63.58 m) msl

## WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 15:46
Depth to water: 130.59 ft (39.80 m) below TOC
Water elevation: 211.21 ft (64.38 m) msl

## WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 15:48
Depth to water: 126.57 ft (38.58 m) below TOC
Water elevation: 214.93 ft (65.51 m) msl

## WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 15:50
Depth to water: 109.85 ft (33.48 m) below TOC
Water elevation: 231.85 ft (70.67 m) msl

## WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 16:43
Depth to water: 148.72 ft (45.33 m) below TOC
Water elevation: 193.08 ft (58.85 m) msl

## WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 16:02
Depth to water: 118.35 ft (36.07 m) below TOC
Water elevation: 202.86 ft (61.83 m) msl

## WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 16:03
Depth to water: 117.16 ft (35.71 m) below TOC
Water elevation: 204.55 ft (62.35 m) msl

## WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 16:05
Depth to water: 117.47 ft (35.81 m) below TOC
Water elevation: 204.63 ft (62.37 m) msl

## WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 16:07
Depth to water: 93.95 ft (28.64 m) below TOC
Water elevation: 228.95 ft (69.78 m) msl

## WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 16:00
Depth to water: 131.14 ft (39.97 m) below TOC
Water elevation: 189.66 ft (57.81 m) msl

## WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:31
Depth to water: 106.84 ft (32.57 m) below TOC
Water elevation: 216.96 ft (66.13 m) msl

## WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:32
Depth to water: 106.92 ft (32.59 m) below TOC
Water elevation: 217.08 ft (66.17 m) msl

## WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:34
Depth to water: 107.01 ft (32.62 m) below TOC
Water elevation: 217.59 ft (66.32 m) msl

## WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:36
No water in standpipe.

## WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:29
Depth to water: 117.19 ft (35.72 m) below TOC
Water elevation: 206.51 ft (62.95 m) msl

## WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:25
Depth to water: 157.68 ft (48.06 m) below TOC
Water elevation: 218.92 ft (66.73 m) msl

## WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:24
Depth to water: 151.26 ft (46.10 m) below TOC
Water elevation: 225.24 ft (68.65 m) msl

## WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:20
Depth to water: 145.80 ft (44.44 m) below TOC
Water elevation: 230.70 ft (70.32 m) msl

## WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:18
Depth to water: 143.94 ft (43.87 m) below TOC
Water elevation: 232.56 ft (70.89 m) msl

## WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:28
Depth to water: 170.56 ft (51.99 m) below TOC
Water elevation: 206.14 ft (62.83 m) msl

## WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:34
Depth to water: 128.78 ft (39.25 m) below TOC
Water elevation: 229.12 ft (69.84 m) msl

## WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:36
Depth to water: 128.76 ft (39.24 m) below TOC
Water elevation: 229.25 ft (69.88 m) msl

## WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:37
Depth to water: 126.74 ft (38.63 m) below TOC
Water elevation: 230.76 ft (70.34 m) msl

## WELL MSB 43DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:38
Depth to water: 126.41 ft (38.53 m) below TOC
Water elevation: 231.69 ft (70.62 m) msl

## WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:32
Depth to water: 154.27 ft (47.02 m) below TOC
Water elevation: 203.33 ft (61.98 m) msl

## WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 14:39
Depth to water: 159.44 ft (48.60 m) below TOC
Water elevation: 217.46 ft (66.28 m) msl

# WATER LEVEL DATA

## WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:43
Depth to water: 153.19 ft (46.69 m) below TOC
Water elevation: 223.91 ft (68.25 m) msl

## WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:41
Depth to water: 142.79 ft (43.52 m) below TOC
Water elevation: 236.11 ft (71.66 m) msl

## WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:56
Depth to water: 165.28 ft (50.38 m) below TOC
Water elevation: 215.82 ft (65.78 m) msl

## WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:59
Depth to water: 156.15 ft (47.60 m) below TOC
Water elevation: 224.95 ft (68.57 m) msl

## WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:57
The well was dry.

## WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:48
Depth to water: 157.62 ft (48.04 m) below TOC
Water elevation: 216.08 ft (65.86 m) msl

## WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:52
No water in standpipe.

## WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 14:50
Depth to water: 132.35 ft (40.34 m) below TOC
Water elevation: 240.45 ft (73.29 m) msl

## WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 11:52
Depth to water: 143.73 ft (43.81 m) below TOC
Water elevation: 225.27 ft (68.66 m) msl

## WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 11:47
Depth to water: 149.10 ft (45.45 m) below TOC
Water elevation: 220.00 ft (67.06 m) msl

## WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 11:55
Depth to water: 136.54 ft (41.62 m) below TOC
Water elevation: 232.76 ft (70.96 m) msl

## WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 11:56
Depth to water: 135.36 ft (41.26 m) below TOC
Water elevation: 233.84 ft (71.28 m) msl

## WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 11:50
Depth to water: 152.00 ft (46.33 m) below TOC
Water elevation: 217.00 ft (66.14 m) msl

## WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:49
Depth to water: 139.20 ft (42.43 m) below TOC
Water elevation: 223.00 ft (67.97 m) msl

## WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:47
Depth to water: 137.71 ft (41.97 m) below TOC
Water elevation: 224.19 ft (68.33 m) msl

## WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:52
Depth to water: 138.15 ft (42.11 m) below TOC
Water elevation: 224.75 ft (68.50 m) msl

## WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:54
Depth to water: 129.97 ft (39.62 m) below TOC
Water elevation: 233.23 ft (71.09 m) msl

## WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:51
Depth to water: 139.74 ft (42.59 m) below TOC
Water elevation: 222.66 ft (67.87 m) msl

## WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 14:45
Depth to water: 137.23 ft (41.83 m) below TOC
Water elevation: 198.17 ft (60.40 m) msl

## WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 14:42
Depth to water: 131.16 ft (39.98 m) below TOC
Water elevation: 203.64 ft (62.07 m) msl

## WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 14:47
Depth to water: 104.75 ft (31.93 m) below TOC
Water elevation: 229.45 ft (69.94 m) msl

## WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:32
Depth to water: 21.24 ft (6.47 m) below TOC
Water elevation: 202.76 ft (61.80 m) msl

## WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:34
Depth to water: 20.52 ft (6.25 m) below TOC
Water elevation: 202.98 ft (61.87 m) msl

## WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:53
Depth to water: 58.43 ft (17.81 m) below TOC
Water elevation: 205.07 ft (62.51 m) msl

## WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 9:51
Depth to water: 51.76 ft (15.78 m) below TOC
Water elevation: 210.74 ft (64.23 m) msl

## WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:21
Depth to water: 102.59 ft (31.27 m) below TOC
Water elevation: 219.31 ft (66.85 m) msl

## WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:22
Depth to water: 83.46 ft (25.44 m) below TOC
Water elevation: 238.34 ft (72.65 m) msl

## WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:26
Depth to water: 122.24 ft (37.26 m) below TOC
Water elevation: 222.36 ft (67.78 m) msl

## WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:31
Depth to water: 122.28 ft (37.27 m) below TOC
Water elevation: 223.22 ft (68.04 m) msl

## WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:27
Depth to water: 111.46 ft (33.97 m) below TOC
Water elevation: 233.64 ft (71.21 m) msl

## WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:57
Depth to water: 151.35 ft (46.13 m) below TOC
Water elevation: 222.35 ft (67.77 m) msl

## WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:55
Depth to water: 147.00 ft (44.81 m) below TOC
Water elevation: 226.70 ft (69.10 m) msl

## WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:02
Depth to water: 140.33 ft (42.77 m) below TOC
Water elevation: 233.67 ft (71.22 m) msl

## WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:00
Depth to water: 154.09 ft (46.97 m) below TOC
Water elevation: 219.71 ft (66.97 m) msl

## WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:13
Depth to water: 146.99 ft (44.80 m) below TOC
Water elevation: 221.91 ft (67.64 m) msl

## WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:18
Depth to water: 140.29 ft (42.76 m) below TOC
Water elevation: 229.21 ft (69.86 m) msl

## WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:10
Depth to water: 134.50 ft (41.00 m) below TOC
Water elevation: 233.90 ft (71.29 m) msl

## WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:14
Depth to water: 135.92 ft (41.43 m) below TOC
Water elevation: 232.88 ft (70.98 m) msl

## WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 11:16
Depth to water: 154.64 ft (47.13 m) below TOC
Water elevation: 214.16 ft (65.28 m) msl

## WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 9:23
Depth to water: 58.98 ft (17.98 m) below TOC
Water elevation: 220.81 ft (67.30 m) msl

## WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 9:51
Depth to water: 125.47 ft (38.24 m) below TOC
Water elevation: 230.73 ft (70.33 m) msl

## WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:02
Depth to water: 127.65 ft (38.91 m) below TOC
Water elevation: 230.26 ft (70.18 m) msl

## WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:25
Depth to water: 129.96 ft (39.61 m) below TOC
Water elevation: 229.34 ft (69.90 m) msl

## WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:36
Depth to water: 124.82 ft (38.05 m) below TOC
Water elevation: 229.68 ft (70.01 m) msl

# WATER LEVEL DATA

## WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:37
Depth to water: 93.90 ft (28.62 m) below TOC
Water elevation: 223.70 ft (68.18 m) msl

## WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:42
Depth to water: 92.42 ft (28.17 m) below TOC
Water elevation: 225.68 ft (68.79 m) msl

## WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:55
Depth to water: 141.39 ft (43.10 m) below TOC
Water elevation: 207.71 ft (63.31 m) msl

## WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:57
Depth to water: 126.55 ft (38.57 m) below TOC
Water elevation: 222.55 ft (67.83 m) msl

## WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:59
Depth to water: 120.84 ft (36.83 m) below TOC
Water elevation: 228.66 ft (69.70 m) msl

## WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 9:43
Depth to water: 138.66 ft (42.26 m) below TOC
Water elevation: 208.34 ft (63.50 m) msl

## WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 9:41
Depth to water: 127.02 ft (38.72 m) below TOC
Water elevation: 220.08 ft (67.08 m) msl

## WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 9:38
Depth to water: 117.61 ft (35.82 m) below TOC
Water elevation: 229.29 ft (69.89 m) msl

## WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 13:26
Depth to water: 140.64 ft (42.84 m) below TOC
Water elevation: 208.16 ft (63.46 m) msl

## WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:39
Depth to water: 125.95 ft (38.39 m) below TOC
Water elevation: 222.75 ft (67.90 m) msl

## WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:40
Depth to water: 121.68 ft (37.08 m) below TOC
Water elevation: 227.42 ft (69.32 m) msl

## WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 9:25
Depth to water: 116.59 ft (35.54 m) below TOC
Water elevation: 232.91 ft (70.99 m) msl

## WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:52
Depth to water: 164.41 ft (50.11 m) below TOC
Water elevation: 219.09 ft (66.78 m) msl

## WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:50
Depth to water: 155.36 ft (47.35 m) below TOC
Water elevation: 228.14 ft (69.54 m) msl

## WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:48
Depth to water: 152.69 ft (46.54 m) below TOC
Water elevation: 230.61 ft (70.29 m) msl

## WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:53
Depth to water: 176.14 ft (53.69 m) below TOC
Water elevation: 206.66 ft (62.99 m) msl

## WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 11:00
Depth to water: 146.16 ft (44.55 m) below TOC
Water elevation: 218.94 ft (66.73 m) msl

## WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 11:02
Depth to water: 138.64 ft (42.26 m) below TOC
Water elevation: 226.16 ft (68.93 m) msl

## WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 11:04
Depth to water: 132.25 ft (40.31 m) below TOC
Water elevation: 232.76 ft (70.94 m) msl

## WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 11:23
Depth to water: 137.48 ft (41.90 m) below TOC
Water elevation: 219.42 ft (66.88 m) msl

## WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 11:20
Depth to water: 132.32 ft (40.33 m) below TOC
Water elevation: 224.38 ft (68.39 m) msl

## WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 11:18
Depth to water: 123.41 ft (37.62 m) below TOC
Water elevation: 233.69 ft (71.20 m) msl

## WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:23
Depth to water: 160.59 ft (48.95 m) below TOC
Water elevation: 221.11 ft (67.40 m) msl

## WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:24
Depth to water: 154.41 ft (47.06 m) below TOC
Water elevation: 227.39 ft (69.31 m) msl

## WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:26
Depth to water: 148.72 ft (45.33 m) below TOC
Water elevation: 233.48 ft (71.17 m) msl

## WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 10:21
Depth to water: 166.12 ft (50.63 m) below TOC
Water elevation: 215.38 ft (65.66 m) msl

## WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:59
Depth to water: 144.27 ft (43.97 m) below TOC
Water elevation: 217.93 ft (66.43 m) msl

## WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 12:58
Depth to water: 140.86 ft (42.93 m) below TOC
Water elevation: 221.64 ft (67.56 m) msl

## WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:20
Depth to water: 127.51 ft (38.87 m) below TOC
Water elevation: 217.59 ft (66.32 m) msl

## WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:56
Depth to water: 128.11 ft (39.05 m) below TOC
Water elevation: 200.09 ft (60.99 m) msl

## WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 14:37
Depth to water: 137.97 ft (42.05 m) below TOC
Water elevation: 202.43 ft (61.70 m) msl

## WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:40
Depth to water: 103.77 ft (31.63 m) below TOC
Water elevation: 210.73 ft (64.23 m) msl

## WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:43
Depth to water: 104.28 ft (31.78 m) below TOC
Water elevation: 210.72 ft (64.23 m) msl

## WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:44
Depth to water: 82.16 ft (25.04 m) below TOC
Water elevation: 232.95 ft (71.00 m) msl

## WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 12:08
Depth to water: 117.12 ft (35.70 m) below TOC
Water elevation: 209.58 ft (63.88 m) msl

## WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 12:05
Depth to water: 118.19 ft (36.02 m) below TOC
Water elevation: 209.31 ft (63.80 m) msl

## WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:10
Depth to water: 131.64 ft (40.12 m) below TOC
Water elevation: 221.16 ft (67.41 m) msl

## WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:12
Depth to water: 135.60 ft (41.30 m) below TOC
Water elevation: 222.20 ft (67.73 m) msl

## WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:15
Depth to water: 133.45 ft (40.68 m) below TOC
Water elevation: 224.25 ft (68.35 m) msl

## WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:17
Depth to water: 123.33 ft (37.59 m) below TOC
Water elevation: 234.47 ft (71.47 m) msl

## WELL MSB 77TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:09
Depth to water: 135.46 ft (41.29 m) below TOC
Water elevation: 221.94 ft (67.65 m) msl

## WELL MSB 78D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 13:28
Depth to water: 139.62 ft (42.56 m) below TOC
Water elevation: 223.98 ft (68.27 m) msl

## WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:32
Depth to water: 140.69 ft (42.88 m) below TOC
Water elevation: 207.31 ft (63.19 m) msl

## WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/25/92 Time: 15:35
Depth to water: 138.29 ft (42.15 m) below TOC
Water elevation: 209.51 ft (63.86 m) msl

# WATER LEVEL DATA

## WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:05
Depth to water: 47.21 ft (14.39 m) below TOC
Water elevation: 219.99 ft (67.05 m) msl

## WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:12
Depth to water: 147.39 ft (44.93 m) below TOC
Water elevation: 227.11 ft (69.22 m) msl

## WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:14
Depth to water: 154.08 ft (46.96 m) below TOC
Water elevation: 220.34 ft (67.16 m) msl

## WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:08
Depth to water: 146.04 ft (44.51 m) below TOC
Water elevation: 227.96 ft (69.48 m) msl

## WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:07
Depth to water: 140.66 ft (42.87 m) below TOC
Water elevation: 233.04 ft (71.03 m) msl

## WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:10
Depth to water: 159.20 ft (48.52 m) below TOC
Water elevation: 214.60 ft (65.41 m) msl

## WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:44
Depth to water: 150.07 ft (45.74 m) below TOC
Water elevation: 221.93 ft (67.65 m) msl

## WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:47
Depth to water: 143.90 ft (43.86 m) below TOC
Water elevation: 228.20 ft (69.56 m) msl

## WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:46
Depth to water: 138.26 ft (42.14 m) below TOC
Water elevation: 233.45 ft (71.16 m) msl

## WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 10:42
Depth to water: 156.16 ft (47.60 m) below TOC
Water elevation: 215.85 ft (65.73 m) msl

## WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:23
Depth to water: 132.36 ft (40.34 m) below TOC
Water elevation: 229.84 ft (70.00 m) msl

## WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:30
Depth to water: 158.86 ft (48.42 m) below TOC
Water elevation: 221.95 ft (67.65 m) msl

## WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:34
Depth to water: 156.45 ft (47.69 m) below TOC
Water elevation: 224.95 ft (68.57 m) msl

## WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:28
Depth to water: 147.83 ft (45.06 m) below TOC
Water elevation: 233.57 ft (71.19 m) msl

## WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:32
Depth to water: 159.64 ft (48.63 m) below TOC
Water elevation: 221.46 ft (67.50 m) msl

## WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/26/92 Time: 11:41
Depth to water: 132.36 ft (40.34 m) below TOC
Water elevation: 226.04 ft (68.89 m) msl

## WELL SLW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 15:34
Depth to water: 129.36 ft (39.43 m) below TOC
Water elevation: 174.74 ft (53.26 m) msl

## WELL SLW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 16:14
Depth to water: 113.36 ft (34.55 m) below TOC
Water elevation: 191.24 ft (58.29 m) msl

## WELL SLW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 16:08
Depth to water: 84.53 ft (25.77 m) below TOC
Water elevation: 194.17 ft (59.18 m) msl

## WELL SLW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 15:39
Depth to water: 100.80 ft (30.72 m) below TOC
Water elevation: 199.90 ft (60.93 m) msl

## WELL SLW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 15:47
Depth to water: 45.91 ft (13.99 m) below TOC
Water elevation: 196.09 ft (59.77 m) msl

## WELL SLW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 15:44
Depth to water: 48.84 ft (14.89 m) below TOC
Water elevation: 202.66 ft (61.77 m) msl

## WELL SLW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 15:55
Depth to water: 55.63 ft (16.96 m) below TOC
Water elevation: 175.47 ft (53.48 m) msl

## WELL SLW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 16:00
Depth to water: 62.04 ft (18.91 m) below TOC
Water elevation: 196.46 ft (59.88 m) msl

## WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:38
Depth to water: 102.44 ft (31.22 m) below TOC
Water elevation: 212.76 ft (64.85 m) msl

## WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:31
Depth to water: 106.11 ft (32.34 m) below TOC
Water elevation: 214.49 ft (65.38 m) msl

## WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:35
Depth to water: 113.94 ft (34.73 m) below TOC
Water elevation: 206.66 ft (62.99 m) msl

## WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:33
Depth to water: 112.81 ft (34.38 m) below TOC
Water elevation: 207.79 ft (63.34 m) msl

## WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:27
Depth to water: 118.73 ft (36.19 m) below TOC
Water elevation: 213.37 ft (65.04 m) msl

## WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:56
Depth to water: 107.16 ft (32.66 m) below TOC
Water elevation: 212.94 ft (64.90 m) msl

## WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:53
Depth to water: 98.22 ft (29.94 m) below TOC
Water elevation: 211.18 ft (64.37 m) msl

## WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:40
Depth to water: 95.73 ft (29.18 m) below TOC
Water elevation: 211.97 ft (64.61 m) msl

## WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:47
Depth to water: 88.32 ft (26.92 m) below TOC
Water elevation: 210.78 ft (64.25 m) msl

## WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:25
Depth to water: 79.48 ft (24.23 m) below TOC
Water elevation: 208.62 ft (63.59 m) msl

## WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:45
Depth to water: 69.43 ft (21.16 m) below TOC
Water elevation: 183.97 ft (56.07 m) msl

## WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:43
Depth to water: 54.57 ft (16.63 m) below TOC
Water elevation: 198.73 ft (60.57 m) msl

## WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:41
Depth to water: 53.29 ft (16.24 m) below TOC
Water elevation: 200.11 ft (60.99 m) msl

## WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:49
No water in standpipe.

## WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:43
Depth to water: 85.32 ft (26.01 m) below TOC
Water elevation: 210.48 ft (64.16 m) msl

## WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:33
Depth to water: 42.10 ft (12.83 m) below TOC
Water elevation: 194.20 ft (59.19 m) msl

## WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:30
Depth to water: 47.64 ft (14.49 m) below TOC
Water elevation: 188.76 ft (57.53 m) msl

## WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:28
Depth to water: 40.14 ft (12.23 m) below TOC
Water elevation: 196.16 ft (59.79 m) msl

## WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:15
Depth to water: 96.15 ft (29.31 m) below TOC
Water elevation: 201.55 ft (61.43 m) msl

## WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:17
Depth to water: 94.23 ft (28.72 m) below TOC
Water elevation: 203.47 ft (62.02 m) msl

# WATER LEVEL DATA

## WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:20
Depth to water: 88.20 ft (26.88 m) below TOC
Water elevation: 209.60 ft (63.86 m) msl

## WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:08
Depth to water: 123.50 ft (37.64 m) below TOC
Water elevation: 203.60 ft (62.03 m) msl

## WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:11
Depth to water: 121.47 ft (37.02 m) below TOC
Water elevation: 205.43 ft (62.62 m) msl

## WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 11:09
No water in standpipe.

## WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:21
Depth to water: 109.71 ft (33.44 m) below TOC
Water elevation: 209.39 ft (63.82 m) msl

## WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:17
Depth to water: 109.56 ft (33.39 m) below TOC
Water elevation: 209.54 ft (63.87 m) msl

## WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/92 Time: 10:19
Depth to water: 106.53 ft (32.47 m) below TOC
Water elevation: 212.57 ft (64.79 m) msl

## WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 15:28
Depth to water: 132.77 ft (40.47 m) below TOC
Water elevation: 214.03 ft (65.24 m) msl

## WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 17:17
Depth to water: 131.83 ft (40.21 m) below TOC
Water elevation: 214.87 ft (65.49 m) msl

## WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 Time: 17:08
Depth to water: 131.36 ft (40.04 m) below TOC
Water elevation: 215.24 ft (65.61 m) msl

## WELL YSC 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 Time: 15:13
Depth to water: 53.32 ft (16.25 m) below TOC
Water elevation: 221.08 ft (67.39 m) msl

## WELL YSC 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 Time: 15:38
Depth to water: 122.99 ft (37.49 m) below TOC
Water elevation: 167.21 ft (50.97 m) msl

# 9. SITE INDEX BY WELL SERIES

| Well Series | Site Description |
|---|---|
| ABP | A-Area Metals Burning Pit |
| ABW | A Area near Firing Range: Background Well |
| AC | A/M Area: Cluster Perimeter Wells and Plume Definition Wells |
| ACB | A-Area Coal Pile Runoff Containment Basin |
| AMB | Metallurgical Laboratory Seepage Basin |
| AOB | Motor Shop Oil Basin |
| ARP | A-Area Burning/Rubble Pits |
| ASB | Savannah River Technology Center (SRTC) Seepage Basins |
| BG | Burial Grounds |
| BGO | Burial Grounds Perimeter |
| BGX | E-Area Vaults near the Burial Grounds |
| BRD | Road A Chemical Basin (Baxley Road) |
| BRR | Burma Road Rubble Pit |
| CBR | Central Shops Burning/Rubble Pit South of the Ford Building Seepage Basin |
| CCB | C-Area Coal Pile Runoff Containment Basin |
| CDB | C-Area Disassembly Basin |
| CMP | Chemicals, Metals, and Pesticides (CMP) Pits |
| CRP | C-Area Burning/Rubble Pit |
| CSA | Hydrofluoric Acid Spill Area |
| CSB | C-Area Reactor Seepage Basins |
| CSD | Central Shops Diesel Spill Site: Characterization and Remediation Wells |
| CSO | Fire Department Training Facility |
| CSR | Central Shops Burning/Rubble Pits |
| DBP | D-Area Burning/Rubble Pits |
| DCB | D-Area Coal Pile Runoff Containment Basin and Ash Basins |
| DOB | D-Area Oil Disposal Basin |
| F | F-Area Seepage Basins |
| FAC | F-Area Acid/Caustic Basin |
| FAL | F-Area A Line |
| FBP | F-Area Burning/Rubble Pits |
| FCA | F-Area Canyon Building |
| FCB | F-Area Coal Pile Runoff Containment Basin |
| FET | F-Area Effluent Treatment Cooling Water Basin |
| FNB | Old F-Area Seepage Basin |
| FSB | F-Area Seepage Basins |
| FSB 1TA Well | F-Area Seepage Basins: Production Well |
| FSL | F-Area Inactive Process Sewer Lines |
| FSS | F-Area Sludge Land Application Site |
| FTF | F-Area Tank Farm |
| GBW | Near Hawthorne Fire Tower: Background Well |

# SITE INDEX

| Well Series | Site Description |
|---|---|
| H | H-Area Seepage Basins |
| HAC | H-Area Acid/Caustic Basin |
| HAP | H-Area Auxiliary Pump Pit |
| HCA | H-Area Canyon Building |
| HCB | H-Area Coal Pile Runoff Containment Basin |
| HET | H-Area Effluent Treatment Cooling Water Basin |
| HMD | Hazardous Waste/Mixed Waste Disposal Facility |
| HR3 | Old H-Area Retention Basin |
| HR8 | H-Area Retention Basin |
| HSB | H-Area Seepage Basins |
| HSB 1TB Well | H-Area Seepage Basins: Production Well |
| HSL | H-Area Inactive Process Sewer Lines |
| HSS | H-Area Sludge Land Application Site |
| HTF | H-Area Tank Farm |
| HWS | Hazardous Waste Storage Facility |
| HXB | Ford Building Seepage Basin |
| IDB | Interim Waste Technology Site B: Characterization Wells |
| IDP | Interim Waste Technology Site P: Characterization Wells |
| IDQ | Interim Waste Technology Site Q: Characterization Wells |
| K | K-Area Wind Tower at B Road: Piezometers |
| KAB | K-Area Ash Basin |
| KAC | K-Area Acid/Caustic Basin |
| KCB | K-Area Coal Pile Runoff Containment Basin |
| KDB | K-Area Disassembly Basin |
| KDT | K-Area Diesel Tank |
| KRB | K-Area Retention Basin |
| KRP | K-Area Burning/Rubble Pit |
| KSB | K-Area Reactor Seepage Basin |
| KSM | 106-K Sump Monitor |
| KSS | K-Area Sludge Land Application Site |
| LAC | L-Area Acid/Caustic Basin |
| LAW | L-Area: Research Wells |
| LCO | L-Area Oil and Chemical Basin |
| LDB | L-Area Disassembly Basin |
| LFW | Sanitary Landfill |
| LRP | L-Area Burning/Rubble Pit |
| LSB | L-Area Reactor Seepage Basin |
| MCB | Miscellaneous Chemical Basin |
| MGA | Series A, Burial Grounds Grid |
| MGC | Series C, Burial Grounds Grid |
| MGE | Series E, Burial Grounds Grid |
| MGG | Series G, Burial Grounds Grid |
| MSB | M-Area Hazardous Waste Management Facility (HWMF) |
| MWD | Potential Hazardous Waste/Mixed Waste Disposal Facility |
| NBG | Between the F-Area Canyon Building and the Naval Fuel Material Facility |
| NPM | Potential New Production Reactor Site (near Central Shops): Characterization Wells |

# SITE INDEX

| Well Series | Site Description |
|---|---|
| P | SRS Baseline Hydrogeologic Investigation: Observation Wells |
| | B Area: Microbiology Wells [P 29 cluster] |
| | East of H Area Perimeter Fence [P 27 cluster] |
| | East of P Area, outside the P-Area Perimeter Fence [P 24 cluster] |
| | F Area: Microbiology Wells [P 28 cluster] |
| | L Area: Near and to the East of 186-L [P 15 cluster] |
| | North of H Area [P 14 cluster] |
| | TNX Area: Background Wells [P 26 cluster] |
| PAC | P-Area Acid/Caustic Basin |
| PCB | P-Area Coal Pile Runoff Containment Basin |
| PDB | P-Area Disassembly Basin |
| PRP | P-Area Burning/Rubble Pit |
| PSB | P-Area Reactor Seepage Basins |
| PSS | Par Pond Sludge Land Application Site |
| RAC | R-Area Acid/Caustic Basin |
| RCP | R-Area Coal Pile Study |
| RDB | R-Area Disassembly Basin |
| RRP | R-Area Burning/Rubble Pits |
| RSA | Series A, R-Area Reactor Seepage Basins |
| RSB | Series B, R-Area Reactor Seepage Basins |
| RSC | Series C, R-Area Reactor Seepage Basins |
| RSD | Series D, Between R-Area Reactor Seepage Basins and R-Area Disassembly Basin |
| RSE | Series E, R-Area Reactor Seepage Basins |
| RSF | Series F, R-Area Reactor Seepage Basins |
| RWM | M Area: Recovery Wells (also used for plume definition) |
| SBG | S-Area Defense Waste Processing Facility (DWPF): Background Wells |
| SCA | S-Area Vitrification Building |
| SLP | S-Area Low-Point Pump Pit |
| SLW | New Sanitary Landfill: Piezometers |
| SRW | Silverton Road Waste Site |
| SSS | Sewage Sludge Application Sites |
| | 40-Acre Hardwood Site |
| | Kato Road Site |
| | Lower Kato Road Site |
| | Orangeburg Site |
| | Par Pond Borrow Pit |
| | Road F Site |
| | Sandy (Lucy) Site |
| | Second Par Pond Borrow Pit |
| TBG | TNX Burying Ground |
| TNX | TNX Area: Assessment Wells |
| XSB | Old TNX Seepage Basin |
| YSB | New TNX Seepage Basin |
| YSC | Y-Area Waste Solidification and Disposal Facility |
| Z | F Area |
| | H Area |
| ZBG | Z-Area Saltstone Facility: Background Wells |
| ZDT | Z-Area Low-Point Drain Tank |
| ZW | F Area |
| | H Area |

# SITE INDEX

| Well Series | Site Description |
|---|---|
| 241-H | H-Area Tank Farm Well, between Tanks 9 and 11 |
| 905103F | F-Area Production Well |

# 10. GLOSSARY

*See also pp. A-1 and A-2 for keys to abbreviations used in the results tables in* **Appendix A.**

**2,4-D**. 2,4-Dichlorophenoxyacetic acid.

**absolute difference**. The unsigned result of the subtraction of any two numbers.

**advisory range**. A range of acceptable analytical results established by the provider of known samples.

**aerated sample**. Groundwater sample supplied or charged with air. Aeration can occur naturally or during well pumping.

**aliquot**. A portion of a sample being used for analysis.

**analyte**. Analyzed constituent.

**analytical detection limit**. The lowest reasonably accurate concentration of an analyte that can be detected; this value varies depending on the method, instrument, and dilution used.

**analytical modifier**. See **result qualifier**.

**APHA**. American Public Health Association.

**Appendix IX**. List of constituents specified by Appendix IX in the *Code of Federal Regulations*, Title 40, Part 264. Analyses for Appendix IX constituents are required by the Resource Conservation and Recovery Act (RCRA) under specified conditions.

**associated samples**. Samples analyzed by a laboratory in the same batch with blind blanks or laboratory blanks.

**ASTM**. American Society for Testing and Materials.

**bail**. To remove water from a well by lowering a container into the water, allowing it to fill with water, and removing it from the well.

**blank**. Aliquot of deionized water generated by laboratory or sampling personnel and analyzed like a groundwater sample. See **blind blank, internal blank, laboratory blank,** and **trip blank**. See also the **Blanks** subsection of the **Quality Control Samples** section of this report.

**blind blank**. A sample container of deionized water sent to a laboratory under an alias as a quality control check.

**blind replicate**. A second sample taken from a well at the same time as the primary sample and sent to the laboratory for analysis as an unknown.

**BNA**. Base/neutral and acid extractables; groups of organic compounds analyzed as part of the Appendix IX and Priority Pollutants suites; also, a group of compounds that can be analyzed by EPA Method 625.

**cation**. Positively charged ion.

**CERCLA**. Comprehensive Environmental Response, Compensation, and Liability Act.

**certified value**. The known concentration of an analyte in a referenced sample.

**CFR**. *Code of Federal Regulations*; sections of this annual document contain EPA standards and regulations for environmental monitoring.

**chain-of-custody record**. A form that documents the collection, transport, analysis, and disposal of well samples.

# GLOSSARY

**Clemson Technical Center, Inc.** Clemson Technical Center, Inc., of Anderson, SC.

**common analyses.** Common parameters tested for, and generally found, in drinking water.

**comprehensive analyses.** A group of analyses that forms the core of the EPD/EMS Groundwater Monitoring Program each quarter. See the **Sample Scheduling** section of this report for a complete list of constituents.

**CN.** See Clemson Technical Center, Inc.

**deionized water.** Water from which all charged species or ionizable organic and inorganic salts have been removed.

**detection limit.** See **analytical detection limit.**

**dilution factor.** The mathematical factor by which a sample is diluted in order to bring the concentration of an analyte in the sample within the analytical range of an instrument (e.g., 1 mL sample + 9 mL solvent = 1:10 dilution, or a dilution factor of 10).

**DL.** See **analytical detection limit.**

**DOE.** United States Department of Energy.

**drinking water standards.** Federal primary and secondary drinking water standards, as set forth by EPA.

**duplicate.** Duplicate sample; an aliquot of a primary sample.

**duplicate result.** A result obtained from identical analyses performed on more than one aliquot of a primary sample.

**DWS.** Drinking water standards (federal primary and secondary drinking water standards, as set forth by EPA).

**E.** A code letter used in the analytical data tables signifying an exponential (e.g., 3.4E+3 = $3.4 \times 10^3$ = 3,400).

**EM.** EPD/EMS Laboratory at SRS.

**EMS.** The Environmental Monitoring Section of the Environmental Protection Department at SRS.

**EPA.** United States Environmental Protection Agency.

**EPD.** Environmental Protection Department at SRS.

**EPD/EMS.** Environmental Protection Department's Environmental Monitoring Section.

**flagging criteria.** Criteria established to help determine the relative concentration and testing frequency for analytes. See the **Flagging Criteria** section of this report for further information.

**gamma PHA.** A group of analyses performed to determine activities of gamma-emitting radionuclides.

**GC VOA.** Gas Chromatographic Volatile Organics Analyses. Also used to refer to a group of volatile organic compounds that can be analyzed by gas chromatography.

**GCMS VOA.** Gas Chromatograph/Mass Spectrometer Volatile Organics Analyses. Also used to refer to a group of volatile organic compounds analyzed by gas chromatography and mass spectrometry methods.

**GE.** General Engineering Laboratories of Charleston, SC.

**Ge-Hy.** Ge-Hy Environmental Sampling of New Ellenton, SC.

**General Engineering.** See **GE.**

**GP.** Environmental Physics of Charleston, SC (subcontractor for General Engineering).

**halogen.** Any of the elements of the halogen family, consisting of fluorine, chlorine, bromine, iodine, and astatine.

**herbicides/pesticides.** A suite of analyses. See the **Sample Scheduling** section of this report for further information.

**holding time**. The length of time during which an analysis of a sample can be reliably performed; holding times vary depending on which constituents are being analyzed.

**interlaboratory comparisons**. Comparisons conducted between two or more laboratories.

**internal blank**. Deionized water or solvent sample generated by the laboratory; one is analyzed with each batch of samples as an in-house check of analytical procedures and equipment (same as a **laboratory blank**).

**intralaboratory comparisons**. Comparisons conducted within a single laboratory.

**ion**. An isolated electron or positron or an atom or molecule that, by loss or gain of one or more electrons, has acquired a net electric charge.

**laboratory blank**. See **internal blank**.

**major ions**. A group of analyses performed in the EPD/EMS Groundwater Monitoring Program to determine the concentrations of calcium, magnesium, potassium, and silica ions and the alkalinity of the sample.

**mean**. The arithmetic mean; a single number that typifies a set of numbers.

**method detection limit**. A reproducible analyte- and method-specific detection limit.

**µCi**. Microcurie; unit of radiation equivalent to 37,000 disintegrations per second.

**µg/L**. Micrograms per liter.

**µS/cm**. Microsiemens per centimeter, equivalent to micromhos per centimeter; the unit of conductance across two points, used as the measure of specific conductance in analytical data tables.

**mg/L**. Milligrams per liter.

**MRD**. Mean relative difference. For further information, see the **Quality Control Samples** section of this report.

**msl**. Mean sea level.

**NTU**. Nephelometric turbidity units; the standard unit of turbidity measurement.

**null hypothesis**. The assumption that there is no validity to the claim that two treatments of the same thing can be distinguished by a specific procedure.

**organic**. A chemical compound based on carbon chains or rings and containing hydrogen with or without oxygen, nitrogen, or other elements.

**PCB**. Polychlorinated biphenyl.

**pCi**. Picocurie; a unit of radiation equivalent to $3.7 \times 10^{-2}$ disintegrations per second.

**piezometer**. An instrument used to measure the potentiometric surface of groundwater. Also, a well designed for this purpose.

**plume**. A volume of contaminated air or water originating at a point-source emission (e.g., a smokestack) or a waste source (e.g., a hazardous-waste disposal site).

**potentiometric surface**. The surface to which water in an aquifer would rise by hydrostatic pressure if unconfined.

**primary laboratory**. A laboratory having a contract with EPD/EMS to perform a specific set of analyses; a primary laboratory may subcontract this work to other laboratories.

**purge**. To remove water from a well prior to sampling, generally by pumping or bailing. Under the EPD/EMS Groundwater Monitoring Program, four well volumes generally are purged before sampling.

**QA**. Quality assurance.

**QC**. Quality control.

**R**. Following a well name, denotes a blind replicate.

**radioisotopes**. Radioactive isotopes.

**radionuclide**. A nuclide at an unstable, high-energy level that seeks a more stable, lower-energy level by emitting particles of energy.

Through these emissions, the nuclear configuration decays to simpler nuclides.

**RCRA**. Resource Conservation and Recovery Act.

**RCRA site**. Solid-waste management unit under RCRA regulation.

**RDL**. See **reference detection limit**.

**reference detection limit**. The detection limit chosen to allow comparison of several analyses with different detection limits. For the purposes of this report, the individual detection limits of at least 90% of the analyses are less than the reference detection limit. See the **Quality Control Samples** section of this report for further information.

**replicate**. Replicate sample; used in this report to mean only those duplicate samples sent to the laboratory as unknowns. See **blind replicate**.

**Resource Conservation and Recovery Act (RCRA)**. Federal legislation that regulates the transport, treatment, and disposal of solid and hazardous wastes.

**result qualifier**. A code used to convey additional information about an analytical result. Also called an **analytical modifier**. See p. A-2 for additional information.

**RFI Program**. RCRA Facility Investigation Program; EPA-regulated investigation of a solid-waste management unit with regard to its potential impact on the environment.

**RFI/RI Program**. RCRA Facility Investigation/Remedial Investigation Program; at SRS, an expansion of the RFI Program to include CERCLA and hazardous-substance regulations.

**run date**. The date on which an analysis is performed.

**sampling device**. Anything used in sampling, especially portable (nondedicated) pumps and bailers. Possible source of sample contamination if not cleaned thoroughly between uses.

**SCDHEC**. South Carolina Department of Health and Environmental Control.

**seepage basin**. An excavation that receives wastewater. Designed to prevent overflow or surface runoff.

**settling basin**. A temporary holding basin (excavation) that receives wastewater.

**significance of probability**. The probability of observing a statistical value as significant as, or even more significant than, the value actually observed.

**site custodian**. WSRC employee responsible for a site being monitored.

**SP**. Spencer Testing Services, Inc., of Spencer, WV (subcontractor for General Engineering).

**SRL**. Savannah River Laboratory at SRS; now Savannah River Technology Center (SRTC).

**SRP**. Savannah River Plant; now Savannah River Site (SRS).

**SRS**. Savannah River Site.

**SRTC**. Savannah River Technology Center.

**STORET**. EPA national database for storage and retrieval of water quality information and monitoring data; some of the result qualifiers listed in the **Analytical Results** section of this report are based on STORET codes.

**surrogate**. An organic compound similar in composition and test performance to one of the analytes of interest; known quantities are used in an analysis as a quality assurance measure.

**tank farm**. An installation of interconnected underground tanks used for storage of high-level radioactive liquid wastes.

**TE**. Teledyne Isotopes of Northbrook, IL (subcontractor for General Engineering).

**TM**. TMA/Eberline of Oak Ridge, TN (subcontractor for Weston).

**trip blank**. A sample container of deionized water that is transported to the well sample location, treated as a well sample, and sent to the laboratory for analysis; trip blanks are used to check for contamination resulting from transport, shipping, and site conditions.

***t*-test**. Statistical method used to determine if the means of groups of observations are equal.

**turbidity**. A measure of the concentration of sediment or suspended particles in solution.

**(U)**. Unclassified.

**USDWS**. United States Public Health Service drinking water standard.

**volatile organic compounds**. A broad range of organic compounds, commonly halogenated, that vaporize at ambient, or relatively low, temperatures (e.g., acetone, benzene, chloroform, and methyl alcohol).

**WA**. Roy F. Weston, Inc., Lionville Laboratory, Lionville, PA.

**Weston**. See **WA**.

**wellhead**. The top of a well.

**well volume**. The volume of water between the well water surface and the bottom of the screen; the volume of water standing inside the well casing.

**WSRC**. Westinghouse Savannah River Company.

# NOTES

# 11. REFERENCES


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# Appendix A. ANALYTICAL RESULTS

This section presents the field and analytical results for samples collected during third quarter 1992. The tables are presented in alphabetical order by well series and in numerical order within each series. The **Site Index by Well Series** section of this report contains the area name(s) for each series.

The tabular data contain all field and analytical results for well samples collected during this quarter. Results of laboratory analyses on blanks are in **Appendix B** of this report.

Further information on inability to sample or unusual conditions of sample collection, as well as samplers' observations on the samples, may be found in the **Field Notes** section of this report.

**Key to the tables:**

CN = Clemson Technical Center, Inc.
E = exponential notation (e.g., 1.1E−09 = 1.1 × $10^{-9}$ = 0.0000000011)
EM = EPD/EMS Laboratory
F = Flag
GE = General Engineering Laboratories
GP = Environmental Physics
1,2,3,4,6,7,8-HPCDD = 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin
1,2,3,4,6,7,8-HPCDF = 1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan
1,2,3,4,7,8-HXCDD = 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin
1,2,3,4,7,8-HXCDF = 1,2,3,4,7,8-Hexachlorodibenzo-p-furan
Lindane = gamma-Benzene hexachloride
µCi/mL = microcuries per milliliter
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter
mg/L = milligrams per liter
Mod = analytical modifier; see p. A-2 for explanation
msl = mean sea level
MSL = million structures per liter (for asbestos)
NTU = nephelometric turbidity units
1,2,3,7,8-PCDD = 1,2,3,7,8-Pentachlorodibenzo-p-dioxin
1,2,3,7,8-PCDF = 1,2,3,7,8-Pentachlorodibenzo-p-furan
SP = Spencer Testing Services, Inc.
2,4,5-T = 2,4,5-Trichlorophenoxyacetic acid
2,3,7,8-TCDD = 2,3,7,8-Tetrachlorodibenzo-p-dioxin
2,3,7,8-TCDF = 2,3,7,8-Tetrachlorodibenzo-p-furan
TE = Teledyne Isotopes
TM = TMA/Eberline
TOC = top of casing
WA = Roy F. Weston, Inc.

# ANALYTICAL RESULTS

Interpreting data with analytical modifiers (result qualifiers):

| Analytical modifier | Definition |
|---|---|
| (Blank) | Data not qualified. Result should be interpreted exactly as reported. |
| A* | Value reported is the mean of two or more determinations. |
| J** | Estimated because quantitation in the sample or in associated quality control samples did not meet specifications. |
| L* | Off-scale high. The actual value is not known but is known to be greater than the value shown. |
| M* | Presence of the analyte is verified but not quantified. |
| Q** | Sample held beyond normal holding time. If the holding time is exceeded by less than 30 days, the sample is coded JQ; if the holding time is exceeded by 30 days or more, the sample is coded QR. |
| R** | Rejected because performance requirements in the sample analysis or associated quality control analyses were not met. |
| T* | Undetected; if present, below the criteria of detection. |
| V** | Indicates the analyte was detected in the associated method blank. |
| Y** | The sample was unpreserved or improperly preserved when received by the laboratory. |
| 1 | The associated result may be an underestimation of the true value due to analytical bias. |
| 2 | The associated result may be an overestimation of the true value due to analytical bias. |
| 3 | The associated result may be of poor precision (high variability) due to analytical bias. For Weston analyses, replicate results were outside the 20% relative percent difference (RPD) guidance limit, or, for metals, the result is between the instrument detection limit and the contract-required detection limit. |
| 4 | Matrix interference. |
| 5 | The sample result is four or more times greater than the standard concentration. |
| 6 | Reanalyzed out of holding time because of problems with the original analysis. |

* This code is based on the CLP Laboratory Data Qualifiers from the U.S. Environmental Protection Agency.

** This code is based on the STORET codes from the U.S. Environmental Protection Agency.

## WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 — Time: 11:20
Depth to water: 136.99 ft (41.76 m) below TOC — pH: 5.0
Water elevation: 222.91 ft (67.94 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 131 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Aluminum | 163 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | 1.1 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.4 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 1 | Lead | 14 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Manganese | 3.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 6.5 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 21 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.6E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 — Time: 12:40
Depth to water: 150.42 ft (45.85 m) below TOC — pH: 4.8
Water elevation: 221.48 ft (67.51 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 106 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |

WELL ABP 2A collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | 3.6 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | 1.2 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Manganese | 18 | | µg/L | GE |
| 0 | Manganese | 18 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 7.2 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 17 | | µg/L | GE |
| 2 | Trichloroethylene | 17 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Nonvolatile beta | 3.1E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.5E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 — Time: 13:10
Depth to water: 130.01 ft (39.63 m) below TOC — pH: 4.9
Water elevation: 223.69 ft (68.18 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.2 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 33 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.4E-06 ± 3.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 — Time: 13:30
Depth to water: 157.66 ft (48.06 m) below TOC — pH: 5.7
Water elevation: 196.84 ft (60.00 m) msl — Alkalinity: 11 mg/L
Sp. conductance: 61 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 96 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Aluminum | 26 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.1 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 2 | Manganese | 56 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 23 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 1 | Total organic halogens | 46 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 43 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 — Time: 11:55
Depth to water: 143.24 ft (43.66 m) below TOC — pH: 4.9
Water elevation: 221.06 ft (67.38 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 101 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |

WELL ABP 4 collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.2 | JV | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Lead | 9.1 | | µg/L | WA |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | 5.8 | J3 | µg/L | WA |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 0 | Manganese | 3.2 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 1 | Tetrachloroethylene | 3.4 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.4 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.1 | J | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic halogens | 7.6 | | µg/L | GE |
| 0 | Total organic halogens | 23 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 11 | | µg/L | GE |
| 2 | Trichloroethylene | 10 | | µg/L | GE |
| 2 | Trichloroethylene | 9.7 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | 2.9E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | 2.3E-09 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.5E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 1.4E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 1.5E-09 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.7E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <9.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.5E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.5E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.9E-06 ± 5.0E-07 | | µCi/mL | TM |
| 0 | Tritium | 2.1E-06 ± 5.1E-07 | | µCi/mL | TM |

## WELL ABP 4 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 Time: 11:55
Depth to water: 143.24 ft (43.66 m) below TOC pH: 4.9
Water elevation: 221.06 ft (67.38 m) msl Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 101 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | Dichloromethane | 6.5 | V | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Lead | 7.5 | | µg/L | WA |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 0 | Manganese | 3.2 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 1 | Tetrachloroethylene | 3.4 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.0 | J | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic halogens | 5.3 | | µg/L | GE |
| 0 | Total organic halogens | 6.6 | | µg/L | GE |
| 0 | Total organic halogens | 22 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 11 | | µg/L | GE |
| 2 | Trichloroethylene | 9.8 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | 3.0E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 6.0E-10 ± 3.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | <9.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.5E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.8E-06 ± 4.4E-07 | | µCi/mL | TM |

## WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 7:00
Depth to water: 175.19 ft (53.40 m) below TOC pH: 12.2
Water elevation: 196.91 ft (60.02 m) msl Alkalinity: 774 mg/L
Sp. conductance: 3020 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Aluminum | 1,590 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Lithium | 299 | | µg/L | GE |
| 0 | Manganese | <4.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <8.0 | | µg/L | GE |
| 0 | Phenols | 5.1 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 24 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.4 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 1 | Nonvolatile beta | 2.8E-08 ± 3.2E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 3.0E-08 ± 3.3E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.6E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 Time: 12:15
The well went dry before sampling began.

## WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 Time: 8:40
Depth to water: 99.80 ft (30.42 m) below TOC pH: 4.7
Water elevation: 225.00 ft (68.58 m) msl Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 105 gal

## WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92 Time: 7:40
Depth to water: 48.55 ft (14.80 m) below TOC pH: 4.9
Water elevation: 213.55 ft (65.09 m) msl Alkalinity: 2 mg/L
Sp. conductance: 22 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 191 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92
Depth to water: 48.45 ft (14.77 m) below TOC
Water elevation: 213.55 ft (65.09 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 43 gal
Time: 7:30
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | 1.1E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 1.0E-09 | | µCi/mL | GE |

## WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92
Depth to water: 124.05 ft (37.81 m) below TOC
Water elevation: 220.65 ft (67.25 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 208 gal
Time: 6:50
pH: 5.6
Alkalinity: 6 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92
Depth to water: 117.30 ft (35.75 m) below TOC
Water elevation: 227.50 ft (69.34 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 29 gal
Time: 7:00
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92
Depth to water: 92.36 ft (28.15 m) below TOC
Water elevation: 209.94 ft (63.99 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 161 gal
Time: 8:30
pH: 5.6
Alkalinity: 14 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92
Depth to water: 90.65 ft (27.63 m) below TOC
Water elevation: 211.85 ft (64.57 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 303 gal
Time: 8:40
pH: 6.0
Alkalinity: 31 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: 122.91 ft (37.46 m) below TOC
Water elevation: 236.89 ft (72.14 m) msl
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 50 gal
Time: 8:15
pH: 5.5
Alkalinity: 17 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.3 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7.7 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 8.9 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 1.1E-09 | | µCi/mL | GE |

## WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: 111.80 ft (34.08 m) below TOC
Water elevation: 238.00 ft (72.54 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 79 gal
Time: 8:40
pH: 5.2
Alkalinity: 7 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Lead | 3.3 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 17 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: 110.42 ft (33.66 m) below TOC
Water elevation: 237.88 ft (72.51 m) msl
Sp. conductance: 124 µS/cm
Water evacuated before sampling: 83 gal
Time: 9:25
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Manganese | 57 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 1 | Gross alpha | 6.9E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.6E-09 ± 1.6E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.5E-09 ± 2.1E-09 | | µCi/mL | GE |

## WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: 120.99 ft (36.88 m) below TOC
Water elevation: 238.11 ft (72.58 m) msl
Sp. conductance: 325 µS/cm
Water evacuated before sampling: 69 gal
Time: 9:00
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 1 | Lead | 8.1 | | µg/L | GE |
| 2 | Manganese | 488 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |

WELL ACB 4A collected on 07/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Gross alpha | 4.1E-08 ± 2.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-08 ± 2.5E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 4.3E-08 ± 4.7E-09 | | µCi/mL | GE |

## WELL AMB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 Time: 7:55
Depth to water: 161.66 ft (49.26 m) below TOC pH: 6.5
Water elevation: 218.82 ft (66.70 m) msl Alkalinity: 21 mg/L
Sp. conductance: 66 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 256 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.30 | | MSL | SP |
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | . | T | Y/N | GE |
| 0 | Specific conductance | 75 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <1,000 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <10 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <200 | | µg/L | GE |
| 0 | Acrolein | <200 | | µg/L | GE |
| 0 | Acrylonitrile | <200 | | µg/L | GE |
| 0 | Acrylonitrile | <200 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <500 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | 2.7 | | µg/L | GE |
| 0 | Arsenic | 3.1 | | µg/L | GE |
| 0 | Arsenic | 2.5 | | µg/L | GE |
| 0 | Barium | 6.2 | | µg/L | GE |
| 0 | Benzene | <10 | | µg/L | GE |
| 0 | Benzene | <10 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <100 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <10 | | µg/L | GE |
| 0 | Bromoform | <10 | | µg/L | GE |
| 0 | Bromoform | <10 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <10 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |

WELL AMB 4A collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlorobenzene | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <10 | | µg/L | GE |
| 0 | Chloroform | <10 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <2,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <10 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <10 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <200 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | 20 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <300 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <10 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <10 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <10 | | µg/L | GE |
| 0 | Dichloromethane | 19 | J2 | µg/L | GE |
| 0 | Dichloromethane | 25 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <10 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 4A collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <10 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <150 | | µg/L | GE |
| 0 | Iron | 8.9 | | µg/L | GE |
| 0 | Isobutyl alcohol | <1,000 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 7.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <500 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |

WELL AMB 4A collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <2,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <10 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Totrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <10 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <10 | | µg/L | GE |
| 2 | Tetrachloroethylene | 40 | | µg/L | GE |
| 2 | Tetrachloroethylene | 58 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <10 | | µg/L | GE |
| 0 | Toluene | <10 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 54,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.5 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <10 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <10 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <10 | | µg/L | GE |
| 2 | Trichloroethylene | 472 | | µg/L | GE |
| 2 | Trichloroethylene | 634 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <10 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |

WELL AMB 4A collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Vinyl acetate | <10 | | µg/L | GE |
| 0 | Xylenes | <20 | | µg/L | GE |
| 0 | Zinc | [illegible]5 | | µg/L | GE |
| 0 | Zinc | 2.3 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL AMB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 156.54 ft (47.71 m) below TOC
Water elevation: 223.86 ft (68.23 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 188 gal

Time: 7:15
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.15 | | MSL | SP |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | | T | Y/N | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenephthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.9 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |

WELL AMB 4B collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | 14 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 5.9 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 4B collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 85 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 15 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | 10.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |

WELL AMB 4B collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 25,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 6.3 | | µg/L | GE |
| 2 | Trichloroethylene | 7.7 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |

WELL AMB 4B collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 6.5 | | µg/L | GE |
| 0 | Zinc | 4.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL AMB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 147.37 ft (44.92 m) below TOC
Water elevation: 232.93 ft (71.00 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 51 gal
Time: 7:40
pH: 5.3
Alkalinity: 7 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.30 | | MSL | SP |
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | | T | Y/N | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |

WELL AMB 4D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 4D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J2 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | 41 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 2 | Manganese | 53 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |

WELL AMB 4D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.6 | | µg/L | GE |
| 1 | Tetrachloroethylene | 4.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 44 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 56 | | µg/L | GE |
| 2 | Trichloroethylene | 66 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |

WELL AMB 4D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | GE |
| 0 | Zinc | 9.7 | | µg/L | GE |
| 1 | Gross alpha | 7.5E-09 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.8E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 7.3E-07 ± 3.0E-07 | | µCi/mL | GE |

## WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 Time: 8:15
Depth to water: 145.45 ft (44.33 m) below TOC pH: 4.9
Water elevation: 234.15 ft (71.37 m) msl Alkalinity: 0 mg/L
Sp. conductance: 47 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <200 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <2.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <40 | | µg/L | GE |
| 0 | Acrylonitrile | <40 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <100 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.1 | | µg/L | GE |
| 0 | Benzene | <2.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <20 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <2.0 | | µg/L | GE |
| 0 | Bromoform | <2.0 | | µg/L | GE |
| 0 | Bromomethane | <2.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <2.0 | | µg/L | GE |
| 1 | Carbon tetrachloride | 2.7 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <2.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <2.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <2.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <2.0 | | µg/L | GE |
| 0 | Chloromethane | <2.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <400 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.8 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <2.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <2.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <40 | | µg/L | GE |
| 0 | Dibromomethane | <2.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |

WELL AMB 5 collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <60 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <2.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | 2.3 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <2.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <2.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <2.0 | | µg/L | GE |
| 0 | Dichloromethane | 4.3 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <2.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <2.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <2.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <2.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <2.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <30 | | µg/L | GE |
| 0 | Iron | 7.8 | | µg/L | GE |
| 0 | Isobutyl alcohol | <200 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 623 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <100 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <2.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <2.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 5 collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0 00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <400 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <2.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <2.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 11 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <2.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 85 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <2.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <2.0 | | µg/L | GE |
| 2 | Trichloroethylene | 167 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <2.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <2.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <2.0 | | µg/L | GE |
| 0 | Xylenes | <4.0 | | µg/L | GE |
| 0 | Zinc | 3.7 | | µg/L | GE |
| 0 | Gross alpha | 5.2E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 4.4E-09 ± 9.8E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.8E-09 ± 1.4E-09 | | µCi/mL | GE |

## WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 144.65 ft (44.09 m) below TOC
Water elevation: 232.55 ft (70.88 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 26 gal

Time: 8:45
pH: 5.4
Alkalinity: 6 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialiate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |

WELL AMB 6 collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 31 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 100 | | µg/L | GE |
| 0 | Manganese | 4.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |

WELL AMB 6 collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | 3.1 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 7.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 4.6 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 136.54 ft (41.62 m) below TOC
Water elevation: 233.38 ft (71.13 m) msl
Sp. conductance: 83 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: :35
pH: 6.0
Alkalinity: 30 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | 2.1 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.1 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 7 collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |

WELL AMB 7 collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 78 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 267 | | µg/L | GE |
| 0 | Manganese | 4.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | 8.5 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |

WELL AMB 7 collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| C | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 4.7 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 34 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL AMB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92
Depth to water: 154.78 ft (47.18 m) below TOC
Water elevation: 218.82 ft (66.70 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 303 gal

Time: 15:00
pH: 6.1
Alkalinity: 15 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.15 | | MSL | SP |
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | | T | Y/N | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <200 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <200 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <10 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |

WELL AMB 7A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <10 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <10 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <10 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <10 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <10 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <10 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <10 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 18 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 7A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <10 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <10 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 17 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 10 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |

WELL AMB 7A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropyla ..ine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethyleth ylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholin e | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <10 | | µg/L | GE |
| 2 | Tetrachloroethylene | 19 | | µg/L | GE |
| 2 | Tetrachloroethylene | 15 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <10 | | µg/L | GE |

WELL AMB 7A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 164 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <10 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <10 | | µg/L | GE |
| 2 | Trichloroethylene | 399 | | µg/L | GE |
| 2 | Trichloroethylene | 346 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 9.9 | | µg/L | GE |
| 0 | Zinc | 10 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL AMB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92 Time: 14:50
Depth to water: 148.58 ft (45.29 m) below TOC pH: 4.9
Water elevation: 224.42 ft (68.40 m) msl Alkalinity: 2 mg/L
Sp. conductance: 53 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 188 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.15 | | MSL | SP |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | . | T | Y/N | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | JQ6 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ6 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | JQ6 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | JQ6 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | JQ6 | µg/L | GE |
| 0 | Aniline | <10 | JQ6 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | JQ6 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | JQ6 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |

WELL AMB 7B collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | JQ6 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | JQ6 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ6 | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | JQ6 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | JQ6 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Dibenzofuran | <10 | JQ6 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ6 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J2 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ6 | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 7B collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Dimethoate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ6 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | JQ6 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | JQ6 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | JQ6 | µg/L | GE |
| 0 | Diphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | JQ6 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | JQ6 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | JQ6 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | JQ6 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | JQ6 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachloropropene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 5.1 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | JQ6 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | JQ6 | µg/L | GE |
| 0 | Isosafrole | <10 | JQ6 | µg/L | GE |
| 0 | Kepone | <10 | JQ6 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 3.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | JQ6 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |

WELL AMB 7B collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methyl methacrylate | <10 | JQ6 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | JQ6 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | JQ6 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | JQ6 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | JQ6 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | JQ6 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | JQ6 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | JQ6 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenacetin | <10 | JQ6 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ6 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | JQ6 | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | JQ6 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | JQ6 | µg/L | GE |
| 0 | Pronamide | <10 | JQ6 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Pyridine | <10 | JQ6 | µg/L | GE |
| 0 | Safrole | <10 | JQ6 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | JQ6 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |

WELL AMB 7B collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | o-Toluidine | <10 | JQ6 | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ6 | µg/L | GE |
| 0 | Total organic halogens | 8.2 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 4.6 | | µg/L | GE |
| 0 | Zinc | 4.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92 Time: 14:05
Depth to water: 136.58 ft (41.63 m) below TOC pH: 5.4
Water elevation: 233.02 ft (71.03 m) msl Alkalinity: 16 mg/L
Sp. conductance: 85 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |

WELL AMB 8D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 133 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |

WELL AMB 8D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 2.3 | | µg/L | GE |

WELL AMB 8D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 2.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92 Time: 13:45
Depth to water: 135.17 ft (41.20 m) below TOC pH: 5.3
Water elevation: 232.73 ft (70.94 m) msl Alkalinity: 9 mg/L
Sp. conductance: 55 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 7.7 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |

WELL AMB 9D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 125 | | µg/L | GE |
| 0 | Manganese | 4.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |

WELL AMB 9D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 23 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 8.0E-10 | | µCi/mL | GE |

## WELL AMB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92
Depth to water: 149.18 ft (45.47 m) below TOC
Water elevation: 217.32 ft (66.24 m) msl
Sp. conductance: 901 µS/cm
Water evacuated before sampling: 75 gal
The well went dry during purging.

Time: 7:20
pH: 11.7
Alkalinity: 221 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.75 | | MSL | SP |
| 2 | pH | 12 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | . | T | Y/N | GE |
| 2 | Specific conductance | 850 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 10A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 121 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |

WELL AMB 10A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |

WELL AMB 10A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 9.1 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | 3.4 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | 2.7 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |

WELL AMB 10A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | 5.3 | | µg/L | GE |
| 0 | Toluene | 4.8 | | µg/L | GE |
| 0 | Toluene | 5.1 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 214,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,000 | JQ6 | µg/L | GE |
| 0 | Total organic halogens | 9.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |

WELL AMB 10A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | 19 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.9E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL AMB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92 Time: 14:20
Depth to water: 144.04 ft (43.90 m) below TOC pH: 6.8
Water elevation: 222.36 ft (67.76 m) msl Alkalinity: 40 mg/L
Sp. conductance: 105 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 198 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.15 | | MSL | SP |
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | | T | Y/N | GE |
| 0 | Specific conductance | 120 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 27 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |

WELL AMB 10B collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ6 | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |

WELL AMB 10B collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ6 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 4.3 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 23 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Methyl ethyl ketone | 1.2 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |

WELL AMB 10B collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | JQ6 | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 72,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 7.2 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 10B collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 4.3 | | µg/L | GE |
| 0 | Zinc | 4.4 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 8.9E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.8E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 131.24 ft (40.00 m) below TOC
Water elevation: 234.26 ft (71.40 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 64 gal
Time: 14:00
pH: 5.5
Alkalinity: 12 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |

WELL AMB 10D collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |

WELL AMB 10D collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 179 | | µg/L | GE |
| 0 | Manganese | 9.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |

WELL AMB 10D collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 3.1 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 7.0E-10 | | µCi/mL | GE |

## WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 6.79 ft (2.07 m) below TOC
Water elevation: 358.61 ft (109.31 m) msl
Sp. conductance: 149 µS/cm
Water evacuated before sampling: 53 gal
Time: 14:40
pH: 8.3
Alkalinity: 68 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | 4.4 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 10DD collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |

WELL AMB 10DD collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 2 | Iron | 6,480 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 493 | | µg/L | GE |
| 2 | Manganese | 322 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl katone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total organic carbon | 1,480 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.080 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |

WELL AMB 10DD collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.060 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL AMB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92
Depth to water: 142.83 ft (43.54 m) below TOC
Water elevation: 221.77 ft (67.60 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 124 gal
Time: 16:05
pH: 6.0
Alkalinity: 19 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <1.0 | | MSL | SP |
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | . | T | Y/N | GE |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 38 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |

WELL AMB 11B collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 11B collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Inden.o[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | 52 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 6.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | 1.3 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |

WELL AMB 11B collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 56,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |

WELL AMB 11B collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 5.9 | | µg/L | GE |
| 0 | Zinc | 5.9 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92
Depth to water: 128.52 ft (39.17 m) below TOC
Water elevation: 235.48 ft (71.78 m) msl
Sp. conductance: 96 µS/cm
Water evacuated before sampling: 78 gal
Time: 15:35
pH: 6.2
Alkalinity: 21 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 15 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |

WELL AMB 11D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 65 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 11D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 Time: 6:20
Depth to water: 135.68 ft (41.36 m) below TOC pH: 5.5
Water elevation: 234.12 ft (71.38 m) msl Alkalinity: 6 mg/L
Sp. conductance: 31 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |

WELL AMB 12D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |

WELL AMB 12D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 7.8 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 310 | | µg/L | GE |
| 0 | Manganese | 15 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |

WELL AMB 12D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |

WELL AMB 12D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 9.2 | | µg/L | GE |
| 0 | Gross alpha | 2.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL AMB 13AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92 Time: 7:50
Depth to water: 148.87 ft (44.77 m) below TOC pH: 10.9
Water elevation: 218.23 ft (66.52 m) msl Alkalinity: 96 mg/L
Sp. conductance: 213 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 67 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.60 | | MSL | SP |
| 2 | pH | 11 | JQ | pH | GE |
| 2 | pH | 11 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | . | T | Y/N | GE |
| 0 | Specific conductance | 240 | | µS/cm | GE |
| 0 | Specific conductance | 240 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |

WELL AMB 13AR collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 81 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |

WELL AMB 13AR collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,[illegible]-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL AMB 13AR collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno(1,2,3-c,d)pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno(1,2,3-c,d)pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | 1.6 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |

WELL AMB 13AR collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | 1.6 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 151,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | 2.9E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: 106.04 ft (32.32 m) below TOC
Water elevation: 235.06 ft (71.65 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 43 gal
Time: 8:20
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 14 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |

WELL AOB 1 collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 4,290 | | µg/L | GE |
| 0 | Chloride | 4,250 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.2 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 36 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | 9.7 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,300 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | Oil & grease | 1,000 | | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |

WELL AOB 1 collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,940 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 65 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 2 | Total organic halogens | 89 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 60 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <10 | | µg/L | GE |
| 0 | Zinc | 4.8 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.9E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Gross alpha | 3.3E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.5E-08 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 — Time: 8:00
Depth to water: 108.87 ft (33.18 m) below TOC — pH: 5.3
Water elevation: 236.53 ft (72.10 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL AOB 2 collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 1,580 | | µg/L | GE |
| 0 | Chloride | 1,590 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 6.9 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 6.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | 1.1 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |

WELL AOB 2 collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | 6.2 | | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Manganese | 5.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | 4.9 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 860 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 2 | Oil & grease | 10,000 | | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,230 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | 4.4 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Vanadium | <6.0 | | µg/L | GE |
| 0 | Xylenes | 7.8 | | µg/L | GE |
| 0 | Zinc | 20 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |

WELL AOB 2 collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.2E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 Time: 7:30
Depth to water: 115.62 ft (35.30 m) below TOC pH: 5.3
Water elevation: 236.78 ft (72.17 m) msl Alkalinity: 3 mg/L
Sp. conductance: 51 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 1,680 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 6.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |

WELL AOB 3 collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | 79 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Manganese | 8.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 760 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 750 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | Oil & grease | <1,000 | | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,490 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.4E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.8E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.7E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.6E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 Time: 7:25
Depth to water: 139.96 ft (42.66 m) below TOC pH: 4.7
Water elevation: 215.14 ft (65.58 m) msl Alkalinity: 0 mg/L
Sp. conductance: 37 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | 2.1 | | µg/L | GE |
| 0 | Chloroform | 13 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 1 | Lead | 10 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.7 | | µg/L | GE |
| 0 | Total organic halogens | 16 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 58 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 9.0E-10 | | µCi/mL | GE |

## WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 Time: 7:50
Depth to water: 118.81 ft (36.21 m) below TOC pH: 4.7
Water elevation: 218.49 ft (66.60 m) msl Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 3.9 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 Time: 13:30
Depth to water: 118.99 ft (36.27 m) below TOC pH: 5.0
Water elevation: 220.81 ft (67.30 m) msl Alkalinity: 1 mg/L
Sp. conductance: 20 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 86 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <5.0 | JQ6 | µg/L | GE |
| 0 | Chloroform | <5.0 | JQ6 | µg/L | GE |
| 0 | Iron | 19 | | µg/L | GE |
| 0 | Lead | 3.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 2 | Tetrachloroethylene | 13 | JQ6 | µg/L | GE |
| 2 | Total organic halogens | 79 | | µg/L | GE |
| 2 | Total organic halogens | 82 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 126 | JQ6 | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 6.0E-10 | | µCi/mL | GE |

## WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 Time: 7:00
Depth to water: 130.70 ft (39.84 m) below TOC pH: 4.5
Water elevation: 217.70 ft (66.36 m) msl Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 5.3 | | µg/L | GE |

WELL ARP 4 collected on 07/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 6.6 | | µg/L | GE |
| 1 | Tetrachloroethylene | 4.1 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 8.8 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 1.1E-09 | | µCi/mL | GE |

## WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92 Time: 8:25
Depth to water: 112.67 ft (34.34 m) below TOC pH: 5.3
Water elevation: 236.43 ft (72.06 m) msl Alkalinity: 4 mg/L
Sp. conductance: 82 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.5 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 926 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 5,950 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 13 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 293 | | µg/L | GE |
| 0 | Manganese | 8.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 3,590 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,900 | | µg/L | GE |
| 0 | Sulfate | 13,800 | | µg/L | GE |
| 2 | Tetrachloroethylene | 6.4 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.2 | | µg/L | GE |
| 0 | Zinc | 2.7 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.1E-09 ± 2.4E-10 | | µCi/mL | GP |
| 0 | Radium-228 | 1.4E-09 ± 8.0E-10 | | µCi/mL | TE |

WELL ASB 1A collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 111.43 ft (33.98 m) below TOC
Water elevation: 237.57 ft (72.41 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 54 gal

Time: 10:30
pH: 5.8
Alkalinity: 14 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 65 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.5 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,720 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 4,110 | | µg/L | GE |
| 0 | Chloroform | 1.4 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 33 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 448 | | µg/L | GE |
| 0 | Manganese | 4.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 250 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 250 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,050 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,300 | | µg/L | GE |
| 0 | Sulfate | 4,600 | | µg/L | GE |
| 0 | Tetrachloroethylene | 2.1 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 1.0E-09 ± 7.0E-10 | | µCi/mL | TE |

WELL ASB 2A collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.5E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 126.27 ft (38.49 m) below TOC
Water elevation: 223.13 ft (68.01 m) msl
Sp. conductance: 63 µS/cm
Water evacuated before sampling: 145 gal

Time: 10:45
pH: 5.3
Alkalinity: 6 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,050 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 7,400 | | µg/L | GE |
| 0 | Chloroform | 1.3 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 8.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 574 | | µg/L | GE |
| 0 | Manganese | 20 | | µg/L | GE |
| 0 | Mercury | 0.70 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 5.3 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,090 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,350 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,330 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 43 | | µg/L | GE |
| 0 | Total dissolved solids | 38,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 89 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 105 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |

WELL ASB 2C collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.7E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 106.61 ft (32.50 m) below TOC
Water elevation: 238.39 ft (72.66 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 54 gal

Time: 7:25
pH: 5.8
Alkalinity: 12 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 8.0 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | pH | 8.1 | JQ | pH | WA |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Specific conductance | 69 | | µS/cm | WA |
| 0 | Specific conductance | 69 | | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.0 | | µg/L | GE |
| 0 | Barium | 32 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,350 | | µg/L | GE |
| 0 | Calcium | 1,360 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Chloride | 4,030 | | µg/L | GE |
| 0 | Chloride | 4,220 | | µg/L | WA |
| 0 | Chloroform | 1.3 | | µg/L | GE |
| 0 | Chloroform | 1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 1.4 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 36 | | µg/L | GE |
| 0 | Iron | 59 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 443 | | µg/L | GE |
| 0 | Magnesium | 439 | | µg/L | WA |
| 0 | Manganese | 2.0 | | µg/L | GE |
| 0 | Manganese | 2.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | 0.76 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | 4.2 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 596 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 480 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 351 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,280 | | µg/L | GE |
| 0 | Silica | 5,040 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 11,000 | | µg/L | GE |
| 0 | Sodium | 11,000 | | µg/L | WA |
| 0 | Sulfate | 5,750 | | µg/L | GE |
| 0 | Sulfate | 6,060 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |

WELL ASB 3A collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tetrachloroethylene | <1.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 526 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 49 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | WA |
| 0 | Zinc | 5.4 | | µg/L | GE |
| 0 | Zinc | 7.0 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | CN |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | 2.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 3.3E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | 3.9E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.3E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | 1.6E-09 ± 2.6E-10 | | µCi/mL | GP |
| 0 | Radium-226 | 1.9E-09 ± 3.1E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 1.1E-09 ± 2.6E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 1.1E-09 ± 2.6E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 5.5E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.0E-09 ± 6.0E-10 | | µCi/mL | TE |
| 0 | Radium-228 | <9.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-06 ± 2.2E-07 | | µCi/mL | TM |
| 0 | Tritium | 1.2E-06 ± 9.0E-08 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |

WELL ASB 3A collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL ASB 3A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 106.61 ft (32.50 m) below TOC
Water elevation: 238.39 ft (72.66 m) msl
Sp. conductance: 85 µS/cm
Water evacuated before sampling: 54 gal

Time: 7:25
pH: 5.8
Alkalinity: 12 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | WA |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Specific conductance | 61 | | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.0 | | µg/L | GE |
| 0 | Barium | 7.8 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,340 | | µg/L | GE |
| 0 | Calcium | 1,370 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Chloride | 4,020 | | µg/L | GE |
| 0 | Chloride | 4,420 | | µg/L | WA |
| 0 | Chloroform | 1.5 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | JQ6 | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 38 | | µg/L | GE |
| 0 | Iron | 56 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | JQ6 | µg/L | WA |
| 0 | Magnesium | 439 | | µg/L | GE |
| 0 | Magnesium | 443 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 1.4 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | 0.29 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <2.1 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | JQ6 | µg/L | WA |
| 0 | Nickel | 7.9 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 500 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 454 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,270 | | µg/L | GE |
| 0 | Silica | 5,170 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 11,000 | | µg/L | GE |
| 0 | Sodium | 11,200 | | µg/L | WA |
| 0 | Sulfate | 5,590 | | µg/L | GE |
| 0 | Sulfate | 5,880 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 718 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 5.6 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 33 | | µg/L | WA |

WELL ASB 3A collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <4.2 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | JQ6 | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.54 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | WA |
| 0 | Zinc | 4.3 | | µg/L | GE |
| 0 | Zinc | 4.6 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | CN |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.7E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.1E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | 2.5E-09 ± 3.6E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 5.0E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 7.3E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.2E-09 ± 7.0E-10 | | µCi/mL | TE |
| 0 | Radium-228 | <9.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <9.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 8.5E-07 ± 2.1E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

# ANALYTICAL RESULTS

## WELL ASB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 123.58 ft (37.67 m) below TOC
Water elevation: 222.42 ft (67.79 m) msl
Sp. conductance: 92 µS/cm
Water evacuated before sampling: 141 gal
Time: 8:55
pH: 6.2
Alkalinity: 26 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 32 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 9,890 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chloride | 8,120 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 664 | | µg/L | GE |
| 0 | Manganese | 8.4 | | µg/L | GE |
| 0 | Mercury | 0.66 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,210 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,590 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,970 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,040 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 250 | | µg/L | GE |
| 0 | Total dissolved solids | 62,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 430 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 1,680 | | µg/L | GE |
| 0 | Zinc | 4.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.4E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 1 | Nonvolatile beta | 3.8E-08 ± 3.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.1E-09 ± 2.0E-10 | | µCi/mL | GP |
| 0 | Radium-228 | 1.7E-09 ± 9.0E-10 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 5.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.3E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 98.22 ft (29.94 m) below TOC
Water elevation: 237.38 ft (72.35 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 30 gal
Time: 15:40
pH: 5.4
Alkalinity: 9 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 42 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.8 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 887 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,640 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 843 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 480 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 5,190 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,170 | | µg/L | GE |
| 0 | Sulfate | 4,270 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.0 | | µg/L | GE |
| 0 | Zinc | 8.2 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.9E-09 ± 7.8E-10 | | µCi/mL | GE |
| 0 | Gross alpha | 2.8E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.5E-09 ± 2.6E-10 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 108.38 ft (33.03 m) below TOC
Water elevation: 236.62 ft (72.12 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 56 gal

Time: 11:35
pH: 5.6
Alkalinity: 6 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 5.0 | JQ | pH | WA |
| 0 | pH | 5.0 | JQ | pH | WA |
| 0 | Specific conductance | 48 | | µS/cm | GE |
| 0 | Specific conductance | 49 | JQ | µS/cm | WA |
| 0 | Specific conductance | 49 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.7 | | µg/L | GE |
| 0 | Barium | 7.6 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 1.8 | J3 | µg/L | WA |
| 0 | Calcium | 882 | | µg/L | GE |
| 0 | Calcium | 918 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Chloride | 5,080 | | µg/L | GE |
| 0 | Chloride | 4,900 | | µg/L | GE |
| 0 | Chloride | 4,730 | | µg/L | WA |
| 0 | Chloride | 4,720 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.3 | J3 | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 2.7 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 9.8 | | µg/L | GE |
| 0 | Iron | 23 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.053 | | µg/L | WA |
| 0 | Magnesium | 477 | | µg/L | GE |
| 0 | Magnesium | 496 | | µg/L | WA |
| 0 | Manganese | 3.2 | | µg/L | GE |
| 0 | Manganese | 3.9 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.53 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 629 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 580 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 523 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 4,880 | | µg/L | GE |
| 0 | Silica | 5,050 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 8,240 | | µg/L | GE |
| 0 | Sodium | 8,050 | | µg/L | WA |
| 0 | Sulfate | 4,570 | | µg/L | GE |
| 0 | Sulfate | 4,690 | | µg/L | GE |
| 0 | Sulfate | 5,440 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 12 | | µg/L | GE |
| 0 | Total organic halogens | 13 | | µg/L | GE |
| 0 | Total organic halogens | 9.7 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 37 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.0 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |

WELL ASB 5A collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | WA |
| 2 | Trichloroethylene | 29 | | µg/L | GE |
| 2 | Trichloroethylene | 30 | | µg/L | WA |
| 2 | Trichloroethylene | 15 | | µg/L | WA |
| 2 | Trichloroethylene | 15 | | µg/L | WA |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | 7.7 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | CN |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | 2.0E-09 ± 4.9E-10 | | µCi/mL | GE |
| 0 | Gross alpha | 2.7E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Gross alpha | 3.3E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.1E-09 ± 5.1E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.5E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 1.5E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | 2.1E-09 ± 3.0E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 2.2E-09 ± 5.8E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.2E-09 ± 6.0E-10 | | µCi/mL | TE |
| 0 | Radium-228 | <4.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.5E-06 ± 1.6E-07 | | µCi/mL | TM |
| 0 | Tritium | 1.4E-06 ± 1.7E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

# ANALYTICAL RESULTS

## WELL ASB 5A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 108.38 ft (33.03 m) below TOC
Water elevation: 236.62 ft (72.12 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 56 gal

Time: 11:35
pH: 5.6
Alkalinity: 6 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 48 | | µS/cm | GE |
| 0 | Specific conductance | 48 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.6 | | µg/L | GE |
| 0 | Barium | 7.7 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 1.2 | J3 | µg/L | WA |
| 0 | Calcium | 905 | | µg/L | GE |
| 0 | Calcium | 951 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Chloride | 4,780 | | µg/L | GE |
| 0 | Chloride | 4,570 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.6 | J3 | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 2.3 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 9.9 | | µg/L | GE |
| 0 | Iron | 41 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.053 | | µg/L | WA |
| 0 | Magnesium | 478 | | µg/L | GE |
| 0 | Magnesium | 488 | | µg/L | WA |
| 0 | Manganese | 3.2 | | µg/L | GE |
| 0 | Manganese | 3.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.53 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 482 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 570 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 783 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 4,910 | | µg/L | GE |
| 0 | Silica | 5,320 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 8,270 | | µg/L | GE |
| 0 | Sodium | 8,400 | | µg/L | WA |
| 0 | Sulfate | 5,640 | | µg/L | GE |
| 0 | Sulfate | 5,630 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Total organic halogens | 11 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 46 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.0 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | WA |
| 2 | Trichloroethylene | 24 | | µg/L | GE |
| 2 | Trichloroethylene | 30 | | µg/L | WA |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | 5.2 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |

WELL ASB 5A collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | CN |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.4E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.9E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | 1.2E-09 ± 2.3E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 3.5E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 2.0E-09 ± 5.6E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.0E-09 ± 8.0E-10 | | µCi/mL | TE |
| 0 | Radium-228 | <4.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <4.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.5E-06 ± 2.4E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 114.30 ft (34.84 m) below TOC
Water elevation: 235.90 ft (71.90 m) msl
Sp. conductance: 91 µS/cm
Water evacuated before sampling: 46 gal

Time: 14:55
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 570 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 8,180 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |

WELL ASB 6A collected on 06/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Iron | 178 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 334 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 6.7 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,720 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 4,150 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 15,400 | | µg/L | GE |
| 0 | Sulfate | 13,900 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.5 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.5E-09 ± 5.3E-10 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 2.7E-09 ± 3.1E-10 | | µCi/mL | GP |
| 0 | Radium-226 | 2.7E-09 ± 3.4E-10 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.8E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 2.1E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/92
Depth to water: 135.17 ft (41.20 m) below TOC
Water elevation: 219.03 ft (66.76 m) msl
Sp. conductance: 166 µS/cm
Water evacuated before sampling: 431 gal

Time: 11:10
pH: 10.5
Alkalinity: 60 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 0 | Specific conductance | 130 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 17,700 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chloride | 2,030 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |

WELL ASB 6AA collected on 06/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 16 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 211 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,330 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 5,270 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,650 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,520 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Tetrachloroethylene | <50 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 1,040 | | µg/L | GE |
| 2 | Total organic halogens | 1,140 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 1,830 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.7E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 — Time: 14:35
Depth to water: 130.23 ft (39.69 m) below TOC — pH: 5.3
Water elevation: 223.37 ft (68.06 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 130 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,150 | | µg/L | GE |
| 0 | Carbon tetrachloride | <2.0 | | µg/L | GE |
| 0 | Chloride | 4,840 | | µg/L | GE |
| 0 | Chloroform | 2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 663 | | µg/L | GE |
| 1 | Manganese | 29 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 620 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,030 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 71 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 26 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <2.0 | | µg/L | GE |
| 2 | Trichloroethylene | 16 | | µg/L | GE |
| 0 | Zinc | 4.4 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.3E-09 ± 5.8E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.3E-09 ± 6.1E-10 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.7E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92 — Time: 9:55
Depth to water: 138.60 ft (42.25 m) below TOC — pH: 10.9
Water elevation: 214.30 ft (65.32 m) msl — Alkalinity: 56 mg/L
Sp. conductance: 270 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 60 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 1 | Specific conductance | 250 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 31 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 20,400 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | | µg/L | GE |
| 0 | Chloride | 1,930 | | µg/L | GE |
| 0 | Chloroform | <25 | | µg/L | GE |
| 1 | Chromium | 52 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 60 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,210 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 7,350 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 14,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 8,930 | | µg/L | GE |
| 0 | Sulfate | 8,170 | | µg/L | GE |
| 0 | Tetrachloroethylene | <25 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 397 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | GE |
| 2 | Trichloroethylene | 925 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.1E-09 ± 6.1E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 5.6E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.2E-07 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 Time: 14:20
Depth to water: 118.74 ft (36.19 m) below TOC pH: 5.0
Water elevation: 234.66 ft (71.53 m) msl Alkalinity: 3 mg/L
Sp. conductance: 110 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 926 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 7,380 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 17 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 431 | | µg/L | GE |
| 1 | Manganese | 28 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,100 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 4,430 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 18,000 | | µg/L | GE |
| 0 | Sulfate | 12,100 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.9 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.3 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.1E-09 ± 6.1E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 2.8E-09 ± 8.0E-10 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.6E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 4.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92 Time: 9:05
Depth to water: 115.82 ft (35.30 m) below TOC pH: 4.5
Water elevation: 233.18 ft (71.07 m) msl Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.2 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 353 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,500 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 46 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 9.1 | | µg/L | GE |
| 0 | Lead | 5.9 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 292 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 6,920 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,250 | | µg/L | GE |
| 0 | Sulfate | 1,030 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.3 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 18 | | µg/L | GE |
| 0 | Zinc | 6.6 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.1E-09 ± 2.9E-10 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 1.1E-09 ± 1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 4.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92 — Time: 8:35
Depth to water: 133.76 ft (40.77 m) below TOC — pH: 5.0
Water elevation: 215.54 ft (65.70 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 381 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.8 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,080 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,970 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 6.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 355 | | µg/L | GE |
| 0 | Manganese | 8.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,030 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,170 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,820 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 124 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Zinc | 13 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-09 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92 — Time: 10:55
Depth to water: 129.43 ft (39.45 m) below TOC — pH: 4.9
Water elevation: 220.37 ft (67.17 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 256 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.9 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,470 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chloride | 1,980 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 6.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 515 | | µg/L | GE |
| 0 | Manganese | 4.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,030 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,530 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,590 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Tetrachloroethylene | <50 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 850 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 1,810 | | µg/L | GE |
| 0 | Zinc | 9.1 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 2.6E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92 Time: 10:35
Depth to water: 126.71 ft (38.62 m) below TOC pH: 4.6
Water elevation: 222.99 ft (67.97 m) msl Alkalinity: 0 mg/L
Sp. conductance: 49 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 106 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,840 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | JQ6 | µg/L | GE |
| 0 | Chloride | 5,140 | | µg/L | GE |
| 0 | Chloroform | <50 | JQ6 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 882 | | µg/L | GE |
| 0 | Manganese | 5.6 | | µg/L | GE |
| 0 | Mercury | 0.77 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,160 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,180 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,840 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Tetrachloroethylene | <50 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 1,120 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 1,700 | JQ6 | µg/L | GE |
| 0 | Zinc | 5.7 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.5E-09 ± 3.6E-10 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 3.3E-09 ± 2.9E-10 | | µCi/mL | GP |
| 0 | Radium-228 | 2.3E-09 ± 1.2E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |

WELL ASB 8C collected on 08/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 5.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.7E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92 Time: 8:45
Depth to water: 130.03 ft (39.63 m) below TOC pH: 4.9
Water elevation: 219.57 ft (66.93 m) msl Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 525 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.3 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 922 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,720 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 5.8 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 57 | | µg/L | GE |
| 0 | Lead | 6.1 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 410 | | µg/L | GE |
| 0 | Manganese | 6.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,180 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,890 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,520 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Zinc | 2.2 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

WELL ASB 8TA collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 67.62 ft (20.61 m) below TOC
Water elevation: 241.38 ft (73.57 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 66 gal

Time: 11:45
pH: 5.2
Alkalinity: 4 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 55 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 751 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,490 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 5.2 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 435 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 110 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 3,830 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 8,120 | | µg/L | GE |
| 0 | Sulfate | 9,980 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Zinc | 2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |

WELL ASB 9 collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 89.01 ft (27.13 m) below TOC
Water elevation: 219.99 ft (67.05 m) msl
Sp. conductance: 90 µS/cm
Water evacuated before sampling: 237 gal

Time: 12:10
pH: 6.6
Alkalinity: 31 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.7 | JQ | pH | GE |
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | Specific conductance | 90 | | µS/cm | GE |
| 0 | Specific conductance | 90 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 33 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13,100 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,630 | | µg/L | GE |
| 0 | Chloroform | 2.4 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 474 | | µg/L | GE |
| 0 | Manganese | 2.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,070 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 669 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,050 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,500 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 44 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 48 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 54 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

WELL ASB 9B collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92 Time: 11:30
Depth to water: 90.12 ft (27.47 m) below TOC pH: 5.7
Water elevation: 219.78 ft (66.99 m) msl Alkalinity: 11 mg/L
Sp. conductance: 50 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 109 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 25 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,260 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,850 | | µg/L | GE |
| 0 | Chloroform | 1.5 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 490 | | µg/L | GE |
| 0 | Manganese | 7.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 4.4 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 980 | | µg/L | GE |
| 0 | Phenolic | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 764 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,880 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,010 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 40 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 33 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 39 | | µg/L | GE |
| 0 | Zinc | 3.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |

WELL ASB 9C collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ASB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 Time: 9:35
Depth to water: 126.00 ft (38.41 m) below TOC pH: 5.5
Water elevation: 222.90 ft (67.94 m) msl Alkalinity: 8 mg/L
Sp. conductance: 63 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 134 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 55 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,550 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | | µg/L | GE |
| 0 | Chloride | 7,950 | | µg/L | GE |
| 0 | Chloride | 7,800 | | µg/L | GE |
| 0 | Chloroform | <25 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 8.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 680 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | 0.84 | | µg/L | GE |
| 0 | Mercury | 0.88 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,030 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 554 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,940 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,860 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 128 | | µg/L | GE |
| 0 | Total dissolved solids | 46,000 | | µg/L | GE |
| 0 | Total dissolved solids | 48,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 287 | | µg/L | GE |
| 0 | Total phosphates (as P) | 130 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | GE |
| 2 | Trichloroethylene | 618 | | µg/L | GE |
| 0 | Zinc | 14 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.1E-09 ± 2.1E-10 | | µCi/mL | GP |
| 0 | Radium-226 | 1.1E-09 ± 2.0E-10 | | µCi/mL | GP |
| 0 | Radium-228 | 1.1E-09 ± 8.0E-10 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 5.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.4E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |

WELL ASB 10C collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BG 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 10:00
Depth to water: 60.50 ft (18.44 m) below TOC pH: 5.7
Water elevation: 229.30 ft (69.89 m) msl
Sp. conductance: 74 µS/cm Water temperature: 23.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Iron | 1,210 | | µg/L | GE |
| 2 | Lead | 26 | J2 | µg/L | GE |
| 2 | Manganese | 441 | | µg/L | GE |
| 1 | Mercury | 2.0 | | µg/L | GE |
| 2 | Gross alpha | 3.0E-08 ± 6.6E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.9E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.2E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.8E-05 ± 1.1E-06 | | µCi/mL | GE |

## WELL BG 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 10:00
Depth to water: 48.50 ft (14.17 m) below TOC pH: 6.2
Water elevation: 230.70 ft (70.32 m) msl
Sp. conductance: 51 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Cadmium | 3.9 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Iron | 702 | | µg/L | GE |
| 2 | Lead | 32 | | µg/L | GE |
| 2 | Manganese | 302 | | µg/L | GE |
| 0 | Mercury | 0.31 | | µg/L | GE |
| 0 | Gross alpha | 7.1E-09 ± 2.5E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.6E-09 ± 1.4E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL BG 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 9:50
Depth to water: 48.20 ft (15.00 m) below TOC pH: 6.6
Water elevation: 227.70 ft (69.40 m) msl
Sp. conductance: 39 µS/cm Water temperature: 23.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 11 | | µg/L | GE |
| 2 | Cadmium | 11 | | µg/L | GE |
| 0 | Chromium | 9.2 | | µg/L | GE |
| 0 | Chromium | 9.2 | | µg/L | GE |
| 2 | Iron | 10,800 | J2 | µg/L | GE |
| 2 | Iron | 10,800 | J2 | µg/L | GE |
| 2 | Lead | 161 | | µg/L | GE |
| 2 | Manganese | 212 | | µg/L | GE |
| 2 | Manganese | 211 | | µg/L | GE |
| 1 | Mercury | 1.5 | | µg/L | GE |
| 2 | Gross alpha | 3.0E-08 ± 4.5E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.5E-04 ± 3.0E-06 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 9.1E-09 ± 1.7E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.1E-04 ± 3.4E-06 | | µCi/mL | GE |

## WELL BG 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 9:20
Depth to water: 52.00 ft (15.85 m) below TOC pH: 6.3
Water elevation: 230.70 ft (70.32 m) msl
Sp. conductance: 87 µS/cm Water temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 28 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Iron | 1,890 | | µg/L | GE |
| 2 | Lead | 155 | | µg/L | GE |
| 2 | Manganese | 1,120 | | µg/L | GE |
| 2 | Mercury | 2.9 | | µg/L | GE |
| 2 | Gross alpha | 3.6E-08 ± 5.3E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.2E-08 ± 2.5E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL BG 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 9:30
Depth to water: 43.00 ft (13.11 m) below TOC pH: 7.2
Water elevation: 232.50 ft (70.87 m) msl
Sp. conductance: 37 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Cadmium | 3.8 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Iron | 583 | | µg/L | GE |
| 2 | Lead | 29 | | µg/L | GE |
| 2 | Manganese | 202 | | µg/L | GE |
| 1 | Mercury | 1.1 | | µg/L | GE |
| 1 | Gross alpha | 1.1E-08 ± 2.9E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.6E-09 ± 1.4E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.8E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL BG 61

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 9:40
Depth to water: 40.50 ft (12.34 m) below TOC pH: 6.5
Water elevation: 234.50 ft (71.48 m) msl
Sp. conductance: 53 µS/cm Water temperature: 23.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Cadmium | 4.9 | | µg/L | GE |
| 1 | Cadmium | 5.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Iron | 421 | | µg/L | GE |
| 2 | Iron | 433 | | µg/L | GE |
| 2 | Lead | 47 | | µg/L | GE |
| 2 | Manganese | 287 | | µg/L | GE |
| 2 | Manganese | 291 | | µg/L | GE |
| 2 | Mercury | 2.9 | | µg/L | GE |
| 1 | Gross alpha | 7.9E-09 ± 2.6E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 4.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.1E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL BG 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 11:00
Depth to water: 59.00 ft (17.98 m) below TOC pH: 5.8
Water elevation: 235.70 ft (71.84 m) msl
Sp. conductance: 38 µS/cm Water temperature: 22.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Iron | 499 | | µg/L | GE |
| 1 | Lead | 14 | J2 | µg/L | GE |
| 1 | Lead | 14 | J2 | µg/L | GE |
| 2 | Manganese | 258 | | µg/L | GE |

WELL BG 67 collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Mercury | 1.1 | | µg/L | GE |
| 2 | Gross alpha | 2.4E-08 ± 4.3E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.0E-03 ± 2.6E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 8.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.9E-04 ± 4.6E-06 | | µCi/mL | GE |

## WELL BG 91

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92
Depth to water: 55.83 ft (17.02 m) below TOC
Water elevation: 217.56 ft (66.31 m) msl
Sp. conductance: 59 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 11:35
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Iron | 280 | | µg/L | GE |
| 2 | Lead | 28 | | µg/L | GE |
| 0 | Manganese | 15 | J2 | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 1 | Gross alpha | 9.5E-09 ± 1.3E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.8E-09 ± 1.9E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 1.8E-06 | | µCi/mL | GE |

## WELL BG 92

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92
Depth to water: 45.99 ft (14.02 m) below TOC
Water elevation: 209.21 ft (63.77 m) msl
Sp. conductance: 227 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.
Time: 12:10
pH: 6.9
Alkalinity: 86 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 30 | | µg/L | GE |
| 0 | Lead | 6.0 | | µg/L | GE |
| 1 | Manganese | 27 | J2 | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | 4.3E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.3E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL BG 93

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92
Depth to water: 58.16 ft (17.73 m) below TOC
Water elevation: 200.34 ft (61.06 m) msl
Sp. conductance: 60 µS/cm
Water evacuated before sampling: 52 gal
Time: 15:40
pH: 5.4
Alkalinity: 10 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 8.1 | | µg/L | GE |
| 0 | Lead | 3.2 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.6 | J2 | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.3E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL BG 94

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92
Depth to water: 60.23 ft (18.36 m) below TOC
Water elevation: 190.57 ft (58.09 m) msl
Sp. conductance: 98 µS/cm
Water evacuated before sampling: 99 gal
Time: 10:20
pH: 5.6
Alkalinity: 6 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 30 | | µg/L | GE |
| 0 | Iron | 30 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Manganese | 50 | | µg/L | GE |
| 1 | Manganese | 50 | | µg/L | GE |

WELL BG 94 collected on 07/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.7E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL BG 95

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92
Depth to water: 30.35 ft (9.25 m) below TOC
Water elevation: 192.15 ft (58.57 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 104 gal
Time: 9:40
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Lead | 3.4 | | µg/L | GE |
| 0 | Manganese | 6.2 | | µg/L | GE |
| 0 | Manganese | 6.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL BG 96

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92
Depth to water: 47.36 ft (14.44 m) below TOC
Water elevation: 197.84 ft (60.30 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 54 gal
Time: 9:10
pH: 5.5
Alkalinity: 2 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 61 | | µg/L | GE |
| 0 | Lead | 6.6 | | µg/L | GE |
| 0 | Manganese | 5.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.5E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 8.8E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL BG 101

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: 36.38 ft (11.09 m) below TOC
Water elevation: 195.02 ft (59.44 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 88 gal
Time: 9:10
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 9.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | 2.0E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Total activity | 2.2E-04 ± 3.7E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.1E-04 ± 2.2E-06 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL BG 103

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 14:00
Depth to water: 39.57 ft (12.06 m) below TOC pH: 4.8
Water elevation: 199.83 ft (60.94 m) msl Alkalinity: 1 mg/L
Sp. conductance: 25 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 5.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.7E-05 ± 1.4E-06 | | µCi/mL | GE |

## WELL BG 104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92 Time: 8:35
Depth to water: Not available pH: 6.5
Water elevation: Not available Alkalinity: 16 mg/L
Sp. conductance: 76 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 8.8 | | µg/L | GE |
| 2 | Lead | 23 | | µg/L | GE |
| 0 | Manganese | 6.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL BG 107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 13:00
Depth to water: 12.75 ft (3.89 m) below TOC pH: 5.2
Water elevation: 235.55 ft (71.80 m) msl Alkalinity: 7 mg/L
Sp. conductance: 39 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Iron | 1,230 | | µg/L | GE |
| 2 | Lead | 34 | | µg/L | GE |
| 2 | Manganese | 67 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.7E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL BG 108

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 12:15
Depth to water: 28.20 ft (8.60 m) below TOC pH: 5.0
Water elevation: 239.10 ft (72.88 m) msl Alkalinity: 4 mg/L
Sp. conductance: 43 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 60 | | µg/L | GE |
| 0 | Lead | 3.6 | | µg/L | GE |
| 0 | Manganese | 7.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.7E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL BG 109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 11:45
Depth to water: 46.14 ft (14.06 m) below TOC pH: 4.8
Water elevation: 240.26 ft (73.23 m) msl Alkalinity: 1 mg/L
Sp. conductance: 43 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 32 | | µg/L | GE |
| 2 | Lead | 55 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 1.3E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.8E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL BG 110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92 Time: 8:10
Depth to water: 52.84 ft (16.11 m) below TOC pH: 4.4
Water elevation: 241.48 ft (73.60 m) msl Alkalinity: 0 mg/L
Sp. conductance: 77 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 36 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 44 | | µg/L | GE |
| 2 | Lead | 31 | | µg/L | GE |
| 2 | Manganese | 53 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | 3.8E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.7E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL BG 121

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92 Time: 11:10
Depth to water: 70.16 ft (21.39 m) below TOC pH: 5.8
Water elevation: 207.74 ft (63.32 m) msl Alkalinity: 1 mg/L
Sp. conductance: 25 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 7.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Manganese | 62 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | 4.0E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.7E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL BG 122

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 15:05
Depth to water: 36.73 ft (11.20 m) below TOC pH: 5.0
Water elevation: 211.17 ft (64.37 m) msl Alkalinity: 1 mg/L
Sp. conductance: 39 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Lead | 4.9 | | µg/L | GE |
| 0 | Manganese | 9.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 5.0E-07 | | µCi/mL | GE |

## WELL BG 125

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 Time: 13:50
The well was dry.

## WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92 Time: 8:30
Depth to water: 55.99 ft (17.07 m) below TOC pH: 4.6
Water elevation: 239.11 ft (72.88 m) msl Alkalinity: 0 mg/L
Sp. conductance: 47 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 48 | | µS/cm | GE |
| 0 | Turbidity | 127 | | NTU | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 58 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 83 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |

WELL BGO 1D collected on 07/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,610 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 26 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 1D collected on 07/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 1 | Iron | 183 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 1 | Lead | 7.9 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 184 | | µg/L | GE |
| 1 | Manganese | 26 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |

WELL BGO 1D collected on 07/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,250 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,700 | | µg/L | GE |

WELL BGO 1D collected on 07/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,670 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | JQV | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 137 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 5.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.5E-05 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 13:40
Depth to water: 58.60 ft (17.86 m) below TOC pH: 4.3
Water elevation: 238.30 ft (72.63 m) msl Alkalinity: 0 mg/L
Sp. conductance: 45 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.6 | JQ | pH | GE |
| 0 | Specific conductance | 38 | | µS/cm | GE |
| 0 | Turbidity | 0.45 | | NTU | GE |
| 0 | Turbidity | 0.45 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 66 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,040 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,870 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 2D collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 5.6 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,040 | | µg/L | GE |
| 0 | Manganese | 2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,800 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |

WELL BGO 2D collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,450 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,420 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 34,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 2.1 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |

WELL BGO 2D collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.7E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 6.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 2.0E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92
Depth to water: 57.46 ft (17.51 m) below TOC
Water elevation: 235.24 ft (71.70 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 9:05
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 25.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.5 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Turbidity | 21 | | NTU | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 2 | Aluminum | 174 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.1 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 100 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,780 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 4.2 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 378 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |

WELL BGO 3D collected on 07/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,480 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 64,200 | | µg/L | GE |
| 0 | Silica | 6,460 | J2 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,480 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 27,000 | JQV | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.3E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.4E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 3.5E-05 ± 9.0E-07 | | µCi/mL | GE |
| 2 | Tritium | 3.3E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
The well was dry.

Time: 9:05

## WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92
Depth to water: 80.05 ft (24.40 m) below TOC
Water elevation: 216.05 ft (65.85 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.

Time: 9:45
pH: 6.3
Alkalinity: 3 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Turbidity | 287 | | NTU | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.4 | | µg/L | GE |
| 0 | Barium | 5.6 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,760 | | µg/L | GE |
| 0 | Calcium | 3,760 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,830 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |

WELL BGO 5C collected on 07/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | 6.8 | | µg/L | GE |
| 0 | Chromium | 6.7 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 52 | | µg/L | GE |
| 0 | Iron | 52 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 399 | | µg/L | GE |
| 0 | Magnesium | 398 | | µg/L | GE |
| 0 | Manganese | 8.7 | | µg/L | GE |
| 0 | Manganese | 8.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,110 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 13,900 | | µg/L | GE |
| 0 | Silica | 13,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,780 | | µg/L | GE |
| 0 | Sodium | 1,780 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 29,000 | JQV | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 490 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.8E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.3E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92
Depth to water: 65.63 ft (20.00 m) below TOC
Water elevation: 230.67 ft (70.31 m) msl
Sp. conductance: 46 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 10:05
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 42 | | µS/cm | GE |
| 0 | Turbidity | 18 | | NTU | GE |
| 0 | Turbidity | 17 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 2 | Aluminum | 73 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 55 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 944 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,780 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 17 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 30 | | µg/L | GE |
| 0 | Lead | 4.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,090 | | µg/L | GE |
| 1 | Manganese | 37 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,320 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,020 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,330 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 27,000 | JQV | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 1.2E-08 ± 2.8E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 6.9E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |

WELL BGO 5D collected on 07/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.4E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.5E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 9:50
Depth to water: 126.33 ft (38.51 m) below TOC pH: 7.2
Water elevation: 159.27 ft (48.55 m) msl Alkalinity: 126 mg/L
Sp. conductance: 306 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.5 | JQ | pH | GE |
| 1 | Specific conductance | 270 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | J1 | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | J1 | µg/L | GE |
| 0 | Acrylonitrile | <20 | J1 | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | 2.3 | | µg/L | GE |
| 0 | Barium | 48 | | µg/L | GE |
| 0 | Benzene | <1.0 | J1 | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | J1 | µg/L | GE |
| 0 | Bromoform | <1.0 | J1 | µg/L | GE |
| 0 | Bromomethane | <1.0 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 60,000 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | J1 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | J1 | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,650 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | J1 | µg/L | GE |
| 0 | Chloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |

WELL BGO 6A collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | J1 | µg/L | GE |
| 0 | Dibromomethane | <1.0 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Dichloromethane | 5.0 | J1 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | J1 | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | J1 | µg/L | GE |
| 0 | Iron | 60 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,590 | | µg/L | GE |
| 0 | Manganese | 4.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |

WELL BGO 6A collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | 830 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 45,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,350 | | µg/L | GE |
| 0 | Styrene | <1.0 | J1 | µg/L | GE |
| 0 | Sulfate | 8,570 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | 4.8 | V | µg/L | GE |
| 0 | Toluene | <1.0 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 203,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | J1 | µg/L | GE |
| 0 | Xylenes | <2.0 | J1 | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

WELL BGO 6A collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.2E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: 65.48 ft (19.96 m) below TOC
Water elevation: 220.12 ft (67.09 m) msl
Sp. conductance: 136 µS/cm
Water evacuated before sampling: 183 gal

Time: 9:35
pH: 8.7
Alkalinity: 62 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | Specific conductance | 125 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | J1 | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | J1 | µg/L | GE |
| 0 | Acrylonitrile | <20 | J1 | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | J1 | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | J1 | µg/L | GE |
| 0 | Bromoform | <1.0 | J1 | µg/L | GE |
| 0 | Bromomethane | <1.0 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 24,400 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | J1 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | J1 | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,140 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | J1 | µg/L | GE |
| 0 | Chloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |

WELL BGO 6C collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialfate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | J1 | µg/L | GE |
| 0 | Dibromomethane | <1.0 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Dichloromethane | 5.2 | J1 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | J1 | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | J1 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 543 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |

WELL BGO 6C collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,080 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,090 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 12,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,080 | | µg/L | GE |
| 0 | Styrene | <1.0 | J1 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Toluene | <1.0 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 84,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 78,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | J1 | µg/L | GE |
| 0 | Xylenes | <2.0 | J1 | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |

WELL BGO 6C collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 8.7E-04 ± 6.8E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.0E-04 ± 4.5E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 54.56 ft (16.63 m) below TOC
Water elevation: 230.94 ft (70.39 m) msl
Sp. conductance: 116 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 8:35
pH: 6.2
Alkalinity: 40 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.7 | JQ | pH | GE |
| 0 | Specific conductance | 135 | | µS/cm | GE |
| 0 | Turbidity | 29 | JQ | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 24 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |

WELL BGO 6D collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 21,200 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,660 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | 4.1 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | 1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethylene | 8.3 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |

WELL BGO 6D collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno(1,2,3-c,d)pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno(1,2,3-c,d)pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 979 | | µg/L | GE |
| 0 | Manganese | 6.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 550 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |

WELL BGO 6D collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 700 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,850 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,640 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 2,070 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 4.2 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |

WELL BGO 6D collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 82,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 87,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 27 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 3.7 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 31 | | µg/L | GE |
| 1 | Trichlorofluoromethane | 7.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 29 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.5E-04 ± 4.4E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 4.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 4.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 3.8E-04 ± 2.9E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 7D

*MEASUREMENTS CONDUCTED IN THE FIELD*

Sample date: 07/28/92
Depth to water: 55.54 ft (16.93 m) below TOC
Water elevation: 231.46 ft (70.55 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 30 gal
Time: 11:00
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Turbidity | 0.94 | JQ | NTU | GE |
| 0 | Turbidity | 0.90 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 1 | Aluminum | 35 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.7 | | µg/L | GE |
| 0 | Benzene | <2.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <2.0 | | µg/L | GE |
| 0 | Bromoform | <2.0 | | µg/L | GE |
| 0 | Bromomethane | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 710 | | µg/L | GE |
| 0 | Carbon tetrachloride | <2.0 | | µg/L | GE |
| 0 | Chloride | 2,430 | | µg/L | GE |
| 0 | Chlorobenzene | <2.0 | | µg/L | GE |
| 0 | Chloroethane | <2.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <2.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <2.0 | | µg/L | GE |
| 0 | Chloroform | 2.9 | | µg/L | GE |
| 0 | Chloromethane | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <2.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <2.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <2.0 | | µg/L | GE |

WELL BGO 7D collected on 07/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethylene | <2.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <2.0 | | µg/L | GE |
| 0 | Dichloromethane | <2.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <2.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <2.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <2.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <2.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 36 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 627 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,310 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,830 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,270 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <2.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 12 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 58 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <2.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <2.0 | | µg/L | GE |
| 2 | Trichloroethylene | 120 | | µg/L | GE |
| 1 | Trichlorofluoromethane | 7.5 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <4.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.1E-04 ± 3.5E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.9E-04 ± 2.1E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.9E-04 ± 2.1E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 8AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92
Depth to water: 126.33 ft (38.51 m) below TOC
Water elevation: 160.27 ft (48.85 m) msl
Sp. conductance: 247 µS/cm
Water evacuated before sampling: 172 gal
Time: 11:45
pH: 7.4
Alkalinity: 109 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.8 | JQ | pH | GE |
| 1 | Specific conductance | 250 | | µS/cm | GE |
| 0 | Turbidity | 0.30 | | NTU | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 27 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |

WELL BGO 8AR collected on 07/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 46,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,540 | | µg/L | GE |
| 0 | Chloride | 2,460 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 6.8 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,220 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,480 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 33,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,120 | | µg/L | GE |
| 0 | Sulfate | 7,120 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 158,000 | JQV | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 12:15
Depth to water: 64.58 ft (19.68 m) below TOC pH: 6.9
Water elevation: 223.32 ft (68.07 m) msl Alkalinity: 30 mg/L
Sp. conductance: 124 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 128 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.2 | JQ | pH | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Turbidity | 3.3 | | NTU | GE |
| 0 | Turbidity | 3.3 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | 24 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 14 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 22,900 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,440 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 4.5 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 571 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 860 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,640 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 14,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,610 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | 4.4 | V | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 66,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 90 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |

WELL BGO 8C collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: 51.13 ft (15.58 m) below TOC
Water elevation: 236.67 ft (72.14 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 42 gal

Time: 11:20
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Specific conductance | 25 | JQ | µS/cm | WA |
| 0 | Specific conductance | 25 | JQ | µS/cm | WA |
| 0 | Turbidity | 12 | | NTU | GE |
| 0 | Turbidity | 5.7 | JQ | NTU | WA |
| 0 | Turbidity | 5.7 | JQ | NTU | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | WA |
| 0 | Aluminum | 21 | | µg/L | GE |
| 1 | Aluminum | 33 | J3 | µg/L | WA |
| 0 | Aluminum | 16 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Barium | 12 | J3 | µg/L | WA |
| 0 | Barium | 11 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 797 | | µg/L | GE |
| 0 | Calcium | 838 | | µg/L | WA |
| 0 | Calcium | 796 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,140 | | µg/L | GE |
| 0 | Chloride | 2,300 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | 1.6 | J3 | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |

WELL BGO 8D collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dichloromethane | 8.5 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 16 | | µg/L | WA |
| 0 | Iron | 16 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 2.3 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.054 | | µg/L | WA |
| 0 | Magnesium | 489 | | µg/L | GE |
| 0 | Magnesium | 501 | | µg/L | WA |
| 0 | Magnesium | 476 | | µg/L | WA |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | WA |
| 0 | Manganese | 10 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.54 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,020 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,330 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 116 | J3 | µg/L | WA |
| 0 | Potassium | 256 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,300 | | µg/L | GE |
| 0 | Silica | 7,550 | | µg/L | WA |
| 0 | Silica | 7,450 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 2.4 | J3 | µg/L | WA |
| 0 | Silver | 1.2 | J3 | µg/L | WA |
| 0 | Sodium | 2,190 | | µg/L | GE |
| 0 | Sodium | 2,110 | | µg/L | WA |
| 0 | Sodium | 2,150 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tin | 3.7 | V | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 20,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 1,000 | JQ | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic carbon | 537 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 48 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 1 | Trichloroethylene | 4.9 | | µg/L | GE |
| 1 | Trichloroethylene | 2.8 | J | µg/L | WA |
| 0 | Trichlorofluoromethane | 3.6 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.5 | J | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 0.97 | J3 | µg/L | WA |
| 0 | Vanadium | 1.6 | J3 | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |

WELL BGO 8D collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | 4.4E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 3.7E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.1E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 9.7E-10 ± 3.8E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.2E-09 ± 4.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 6.0E-10 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 7.0E-10 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.3E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 9.7E-07 | | µCi/mL | TM |
| 1 | Tritium | 1.3E-05 ± 9.2E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL BGO 8D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: 51.13 ft (15.58 m) below TOC
Water elevation: 236.67 ft (72.14 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 42 gal

Time: 11:20
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 24 | | µS/cm | GE |
| 0 | Specific conductance | 24 | JQ | µS/cm | WA |
| 0 | Turbidity | 8.4 | | NTU | GE |
| 0 | Turbidity | 5.0 | JQ | NTU | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | WA |
| 0 | Aluminum | 22 | | µg/L | GE |
| 1 | Aluminum | 27 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Barium | 12 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |

WELL BGO 8D collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 779 | | µg/L | GE |
| 0 | Calcium | 815 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,170 | | µg/L | GE |
| 0 | Chloride | 2,320 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 1.1 | J3 | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 5.5 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.10 | | µg/L | WA |
| 0 | Endrin | <0.21 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 24 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.052 | | µg/L | WA |
| 0 | Lindane | <0.10 | | µg/L | WA |
| 0 | Magnesium | 493 | | µg/L | GE |
| 0 | Magnesium | 495 | | µg/L | WA |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.52 | | µg/L | WA |
| 0 | Methoxychlor | <1.0 | | µg/L | WA |
| 0 | Methoxychlor | <1.0 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,040 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,280 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 196 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,380 | | µg/L | GE |
| 0 | Silica | 7,510 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 2.8 | J3 | µg/L | WA |
| 0 | Sodium | 2,220 | | µg/L | GE |
| 0 | Sodium | 2,190 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Tin | 3.5 | J3 | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |

WELL BGO 8D collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 16,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 4,000 | JQ | µg/L | WA |
| 0 | Total dissolved solids | 4,000 | JQ | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,060 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 65 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.0 | | µg/L | WA |
| 0 | Toxaphene | <2.1 | | µg/L | WA |
| 0 | Toxaphene | <2.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 1 | Trichloroethylene | 2.9 | | µg/L | GE |
| 1 | Trichloroethylene | 4.8 | J | µg/L | WA |
| 0 | Trichlorofluoromethane | 2.4 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.4 | J | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 1.1 | J3 | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.8E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Gross alpha | 3.4E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 8.0E-10 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 8.8E-10 ± 3.6E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.0E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 5.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 1.2E-06 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL BGO 9AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 Time: 7:35
Depth to water: 127.40 ft (38.83 m) below TOC pH: 12.4
Water elevation: 157.40 ft (47.98 m) msl Alkalinity: 1363 mg/L
Sp. conductance: 4880 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 43 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 13 | JQ | pH | GE |
| 2 | Specific conductance | 5,000 | | µS/cm | GE |
| 0 | Turbidity | 8.8 | JQ | NTU | GE |
| 0 | Acenaphthene | <10 | JQ1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | JQ1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 1,870 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | JQ1 | µg/L | GE |
| 0 | Aniline | <10 | JQ1 | µg/L | GE |
| 0 | Anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | JQ1 | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 305 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | JQ1 | µg/L | GE |
| 0 | Beryllium | <6.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Cadmium | <4.0 | | µg/L | GE |
| 0 | Calcium | 206,000 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | JQ1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | JQ1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <8.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ1 | µg/L | GE |
| 0 | Cobalt | <8.0 | | µg/L | GE |
| 0 | Copper | <8.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | JQ1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | JQ1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ1 | µg/L | GE |

WELL BGO 9AA collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | Dimethoate | <10 | JQ1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | JQ1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | JQ1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | JQ1 | µg/L | GE |
| 0 | Diphenylamine | <10 | JQ1 | µg/L | GE |
| 0 | Disulfoton | <10 | JQ1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | JQ1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | JQ1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | JQ1 | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Fluorene | <10 | JQ1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ | µg/L | GE |
| 0 | Hexachloropropene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | JQ1 | µg/L | GE |
| 0 | Isophorone | <10 | JQ1 | µg/L | GE |
| 0 | Isosafrole | <10 | JQ1 | µg/L | GE |
| 0 | Kepone | <10 | JQ1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 18 | | µg/L | GE |
| 0 | Manganese | <4.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | JQ1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | JQ1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | JQ1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | JQ1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | JQ1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | JQ1 | µg/L | GE |

WELL BGO 9AA collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nickel | <8.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | JQ1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | JQ1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | JQ1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | JQ1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | JQ1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | JQ1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | JQ1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Phenacetin | <10 | JQ1 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ1 | µg/L | GE |
| 0 | Phenol | <10 | JQ | µg/L | GE |
| 0 | Phenols | 20 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | JQ1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | JQ1 | µg/L | GE |
| 0 | Potassium | 61,100 | | µg/L | GE |
| 0 | Pronamid | <10 | JQ1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Pyridine | <10 | JQ1 | µg/L | GE |
| 0 | Safrole | <10 | JQ1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 4,220 | | µg/L | GE |
| 0 | Silver | <4.0 | | µg/L | GE |
| 0 | Sodium | 33,600 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 4,750 | | µg/L | GE |
| 0 | Sulfotepp | <10 | JQ1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | JQ1 | µg/L | GE |
| 0 | Tin | <4.0 | | µg/L | GE |
| 0 | Toluene | 3.6 | | µg/L | GE |
| 0 | o-Toluidine | <10 | JQ1 | µg/L | GE |
| 0 | Total dissolved solids | 1.4E+06 | | µg/L | GE |
| 1 | Total organic carbon | 7,520 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | JQ | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | JQ1 | µg/L | GE |

WELL BGO 9AA collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Vanadium | <16 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 8.5E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 1 | Nonvolatile beta | 3.1E-08 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | -1.7E-07 ± 1.1E-05 | | µCi/mL | EM |
| 1 | Total alpha-emitting radium | 4.8E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: 53.17 ft (16.21 m) below TOC
Water elevation: 231.93 ft (70.69 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 60 gal

Time: 15:10
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Turbidity | 0.58 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 1 | Aluminum | 26 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,420 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,990 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |

WELL BGO 9D collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 6.9 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |

WELL BGO 9D collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 577 | | µg/L | GE |
| 1 | Manganese | 30 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyriene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,580 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,330 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,720 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |

WELL BGO 9D collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | 2.7 | V | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 24,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 20 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.2E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.5E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 10AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92 Time: 13:50
Depth to water: 143.00 ft (43.59 m) below TOC pH: 7.5
Water elevation: 157.70 ft (48.07 m) msl Alkalinity: 82 mg/L
Sp. conductance: 215 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 403 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.8 | JQ | pH | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 0 | Turbidity | 3.3 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 1 | Aluminum | 48 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 43 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 38,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,430 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |

WELL BGO 10AA collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.3 | J2 | µg/L | GE |
| 0 | Dichloromethane | 2.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 6.2 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 801 | | µg/L | GE |
| 0 | Manganese | 23 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 3,960 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 29,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,780 | | µg/L | GE |
| 0 | Sulfate | 6,650 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | 1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 144,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.4E-09 ± 5.2E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 9.5E-07 ± 1.2E-06 | | µCi/mL | EM |

WELL BGO 10AA collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 10AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92 Time: 10:10
Depth to water: 142.26 ft (43.36 m) below TOC pH: 7.5
Water elevation: 158.24 ft (48.23 m) msl Alkalinity: 104 mg/L
Sp. conductance: 253 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 164 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.7 | JQ | pH | GE |
| 0 | pH | 7.0 | JQ | pH | WA |
| 0 | pH | 7.0 | JQ | pH | WA |
| 0 | Specific conductance | 245 | | µS/cm | GE |
| 0 | Specific conductance | 236 | JQ | µS/cm | WA |
| 0 | Specific conductance | 237 | JQ | µS/cm | WA |
| 0 | Turbidity | 0.71 | | NTU | GE |
| 0 | Turbidity | 0.61 | JQ | NTU | WA |
| 0 | Turbidity | 0.61 | JQ | NTU | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 2 | Antimony | 11 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Barium | 18 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 44,700 | | µg/L | GE |
| 0 | Calcium | 44,500 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,430 | | µg/L | GE |
| 0 | Chloride | 2,760 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 1.1 | J3 | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.7 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |

WELL BGO 10AR collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 7.0 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 1,300 | | µg/L | GE |
| 0 | Magnesium | 1,230 | | µg/L | WA |
| 1 | Manganese | 44 | J2 | µg/L | GE |
| 1 | Manganese | 44 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 25 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,400 | | µg/L | GE |
| 0 | Potassium | 1,410 | | µg/L | GE |
| 0 | Potassium | 1,200 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 29,000 | | µg/L | GE |
| 0 | Silica | 29,600 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 2.7 | J3 | µg/L | WA |
| 0 | Sodium | 2,490 | | µg/L | GE |
| 0 | Sodium | 2,580 | | µg/L | WA |
| 0 | Sulfate | 7,230 | | µg/L | GE |
| 0 | Sulfate | 8,220 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 156,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 157,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 145,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 103 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 1.8 | J3 | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.5E-09 ± 2.5E-09 | | µCi/mL | TM |
| 0 | Gross alpha | 1.5E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |

WELL BGO 10AR collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nonvolatile beta | 2.1E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 6.2E-10 ± 2.9E-10 | | µCi/mL | TM |
| 0 | Radium-226 | <4.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.4E-07 | | µCi/mL | TM |
| 0 | Tritium | <5.5E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL BGO 10AR Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 142.26 ft (43.36 m) below TOC
Water elevation: 158.24 ft (48.23 m) msl
Sp. conductance: 253 µS/cm
Water evacuated before sampling: 164 gal
Time: 10:10
pH: 7.5
Alkalinity: 104 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.8 | JQ | pH | GE |
| 0 | pH | 7.0 | JQ | pH | WA |
| 0 | Specific conductance | 245 | | µS/cm | GE |
| 0 | Specific conductance | 243 | JQ | µS/cm | WA |
| 0 | Turbidity | 0.96 | | NTU | GE |
| 0 | Turbidity | 0.96 | | NTU | GE |
| 0 | Turbidity | 0.60 | JQ | NTU | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 1 | Antimony | 4.8 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Barium | 17 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 45,500 | | µg/L | GE |
| 0 | Calcium | 43,900 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,540 | | µg/L | GE |
| 0 | Chloride | 2,690 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.8 | J3 | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 10AR collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.6 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 1,300 | | µg/L | GE |
| 0 | Magnesium | 1,240 | | µg/L | WA |
| 1 | Manganese | 44 | | µg/L | GE |
| 1 | Manganese | 43 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 110 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,390 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 29,400 | | µg/L | GE |
| 0 | Silica | 29,600 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 1.1 | J3 | µg/L | WA |
| 0 | Sodium | 2,470 | | µg/L | GE |
| 0 | Sodium | 2,470 | | µg/L | WA |
| 0 | Sulfate | 7,090 | | µg/L | GE |
| 0 | Sulfate | 7,840 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 157,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 147,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | Total phosphates (as P) | 98 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 2.8 | J3 | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |

WELL BGO 10AR collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.7E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 2.1E-09 ± 5.7E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 2.1E-09 ± 5.7E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <4.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 8.0E-10 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.4E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL BGO 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 80.96 ft (24.68 m) below TOC
Water elevation: 220.04 ft (67.07 m) msl
Sp. conductance: 174 µS/cm
Water evacuated before sampling: 48 gal
The well went dry during purging.

Time: 7:05
pH: 10.3
Alkalinity: 44 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.9 | JQ | pH | GE |
| 1 | pH | 10.0 | JQ | pH | GE |
| 0 | Specific conductance | 170 | | µS/cm | GE |
| 0 | Turbidity | 4.1 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 38 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 37,500 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,200 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,430 | | µg/L | GE |
| 0 | Manganese | 3.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 110 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 4,040 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 41,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,800 | | µg/L | GE |
| 0 | Sulfate | 10,700 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | 3.8 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 100,000 | | µg/L | GE |
| 0 | Total organic carbon | 3,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 110 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.2 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | 8.6 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GE |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |

WELL BGO 10B collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.5E-09 ± 2.9E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.0E-05 ± 1.7E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.5E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 80.56 ft (24.55 m) below TOC
Water elevation: 220.74 ft (67.28 m) msl
Sp. conductance: 112 µS/cm
Water evacuated before sampling: 38 gal
The well went dry during purging.

Time: 9:20
pH: 10.3
Alkalinity: 30 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.1 | JQ | pH | GE |
| 0 | Specific conductance | 210 | | µS/cm | GE |
| 0 | Turbidity | 55 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 28 | | µg/L | GE |
| 0 | Barium | 28 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 45,100 | J2 | µg/L | GE |
| 0 | Calcium | 45,100 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,230 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.8 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 23 | | µg/L | GE |
| 0 | Iron | 23 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,070 | | µg/L | GE |
| 0 | Magnesium | 1,050 | | µg/L | GE |
| 0 | Manganese | 3.2 | | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | 4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 550 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 663 | | µg/L | GE |
| 0 | Potassium | 676 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 25,800 | | µg/L | GE |
| 0 | Silica | 25,500 | | µg/L | GE |

WELL BGO 10C collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,550 | | µg/L | GE |
| 0 | Sodium | 4,500 | | µg/L | GE |
| 0 | Sulfate | 4,170 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 132,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,350 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.1E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.1E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.4E-04 ± 1.6E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 15:30
Depth to water: 69.88 ft (21.30 m) below TOC
Water elevation: 231.62 ft (70.60 m) msl
The well went dry before sampling began.

## WELL BGO 10DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 Time: 8:25
Depth to water: 68.81 ft (20.97 m) below TOC pH: 6.1
Water elevation: 231.59 ft (70.59 m) msl Alkalinity: 18 mg/L
Sp. conductance: 71 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 55 | | µS/cm | GE |
| 0 | Turbidity | 162 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,900 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,280 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |

WELL BGO 10DR collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 5.7 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 1 | Iron | 178 | | µg/L | GE |
| 0 | Lead | 4.1 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 301 | | µg/L | GE |
| 2 | Manganese | 56 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Nickel | 26 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,130 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,100 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,350 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,110 | | µg/L | GE |
| 0 | Sulfate | 1,500 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 30,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,000 | | µg/L | GE |
| 0 | Total organic halogens | 10 | | µg/L | GE |
| 0 | Total phosphates (as P) | 650 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 7.4 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.5E-09 ± 4.3E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.5E-09 ± 3.8E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.8E-03 ± 9.8E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.3E-03 ± 7.2E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 16:00
Depth to water: 73.54 ft (22.42 m) below TOC pH: 4.5
Water elevation: 231.76 ft (70.64 m) msl Alkalinity: 0 mg/L
Sp. conductance: 36 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Turbidity | 0.18 | | NTU | GE |

WELL BGO 11D collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | 20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 726 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,340 | | µg/L | GE |
| 0 | Chloride | 2,360 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 8.0 | | µg/L | GE |
| 0 | Dichloromethane | 8.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 529 | | µg/L | GE |
| 0 | Manganese | 5.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,340 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,970 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,370 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 25,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.5 | | µg/L | GE |
| 0 | Trichloroethylene | 1.5 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |

WELL BGO 11D collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 8.4E-09 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 5.9E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 5.2E-04 ± 5.3E-08 | | µCi/mL | EM |
| 1 | Total alpha-emitting radium | 3.8E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 3.5E-04 ± 2.8E-08 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 12AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92 Time: 10:30
Depth to water: 155.86 ft (47.51 m) below TOC pH: 10.7
Water elevation: 157.54 ft (48.02 m) msl Alkalinity: 121 mg/L
Sp. conductance: 293 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 154 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 10 | JQ | pH | GE |
| 0 | Specific conductance | 115 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | J1 | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | J1 | µg/L | GE |
| 0 | Acrylonitrile | <20 | J1 | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | J1 | µg/L | GE |
| 2 | Aluminum | 335 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | 6.9 | | µg/L | GE |
| 0 | Barium | 57 | | µg/L | GE |
| 0 | Benzene | <1.0 | J1 | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | J1 | µg/L | GE |
| 0 | Bromoform | <1.0 | J1 | µg/L | GE |
| 0 | Bromomethane | <1.0 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 43,400 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | J1 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | J1 | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,170 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | J1 | µg/L | GE |
| 0 | Chloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 12AR collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | J1 | µg/L | GE |
| 0 | Dibromomethane | <1.0 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Dichloromethane | 5.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | J1 | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | J1 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 112 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | J1 | µg/L | GE |

WELL BGO 12AR collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 130 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 5,170 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 30,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,910 | | µg/L | GE |
| 0 | Styrene | <1.0 | J1 | µg/L | GE |
| 0 | Sulfate | 6,570 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 65,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 2 | Trichloroethylene | 11 | J1 | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |

WELL BGO 12AR collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <6.0 | | µg/L | GE |
| 2 | Vinyl acetate | 18 | J1 | µg/L | GE |
| 0 | Xylenes | <2.0 | J1 | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.0E-09 ± 6.2E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 12CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 92.36 ft (28.15 m) below TOC
Water elevation: 221.64 ft (67.56 m) msl
Sp. conductance: 216 µS/cm
Water evacuated before sampling: 43 gal
The well went dry during purging.

Time: 11:20
pH: 10.5
Alkalinity: 73 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 10 | JQ | pH | GE |
| 0 | Specific conductance | 155 | | µS/cm | GE |
| 0 | Turbidity | 0.82 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | J1 | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | J1 | µg/L | GE |
| 0 | Acrylonitrile | <20 | J1 | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | J1 | µg/L | GE |
| 2 | Aluminum | 587 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | 3.0 | | µg/L | GE |
| 0 | Barium | 7.1 | | µg/L | GE |
| 0 | Benzene | <1.0 | J1 | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |

WELL BGO 12CR collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | J1 | µg/L | GE |
| 0 | Bromoform | <1.0 | J1 | µg/L | GE |
| 0 | Bromomethane | <1.0 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 15,300 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | J1 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | J1 | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,770 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | J1 | µg/L | GE |
| 0 | Chloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | J1 | µg/L | GE |
| 0 | Chromium | 5.8 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | J1 | µg/L | GE |
| 0 | Dibromomethane | <1.0 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 12CR collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | J1 | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | 147 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | J1 | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 102 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |

WELL BGO 12CR collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 650 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 4,330 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 17,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,000 | | µg/L | GE |
| 0 | Styrene | <1.0 | J1 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |

WELL BGO 12CR collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 93,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 23 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 2 | Trichloroethylene | 64 | J1 | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | 19 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | J1 | µg/L | GE |
| 0 | Xylenes | <2.0 | J1 | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.6E-07 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 7.1E-07 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 82.13 ft (25.03 m) below TOC
Water elevation: 231 57 ft (70.58 m) msl
Sp. conductance: 131 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 8:10
pH: 6.4
Alkalinity: 25 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.7 | JQ | pH | GE |
| 0 | Specific conductance | 115 | | µS/cm | GE |
| 0 | Turbidity | 18 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | J1 | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | J1 | µg/L | GE |
| 0 | Acrylonitrile | <20 | J1 | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |

WELL BGO 12D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 49 | | µg/L | GE |
| 0 | Barium | 49 | | µg/L | GE |
| 0 | Benzene | <1.0 | J1 | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | J1 | µg/L | GE |
| 0 | Bromoform | <1.0 | J1 | µg/L | GE |
| 0 | Bromomethane | <1.0 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 14,100 | | µg/L | GE |
| 0 | Calcium | 14,200 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | J1 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | J1 | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,780 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | J1 | µg/L | GE |
| 0 | Chloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | J1 | µg/L | GE |
| 0 | Dibromomethane | <1.0 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | 1.9 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 12D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | J1 | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | J1 | µg/L | GE |
| 0 | Iron | 43 | | µg/L | GE |
| 0 | Iron | 43 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,500 | | µg/L | GE |
| 0 | Magnesium | 1,490 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 4.4 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,880 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |

WELL BGO 12D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 2,900 | | µg/L | GE |
| 0 | Potassium | 2,910 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 6,500 | | µg/L | GE |
| 0 | Silica | 6,470 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,680 | | µg/L | GE |
| 0 | Sodium | 4,650 | | µg/L | GE |
| 0 | Styrene | <1.0 | J1 | µg/L | GE |
| 0 | Sulfate | 8,540 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | 2.1 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 54 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 2 | Trichloroethylene | 160 | J1 | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.7 | J1 | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | J1 | µg/L | GE |
| 0 | Zinc | 4.1 | | µg/L | GE |
| 0 | Zinc | 4.2 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |

WELL BGO 12D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | 1.2E-09 ± 5.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.6E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 13DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 — Time: 8:10
Depth to water: 67.82 ft (26.77 m) below TOC — pH: 6.3
Water elevation: 231.48 ft (70.56 m) msl — Alkalinity: 21 mg/L
Sp. conductance: 81 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | Specific conductance | 82 | | µS/cm | GE |
| 0 | Turbidity | 7.9 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,690 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,010 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 78 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 471 | | µg/L | GE |
| 2 | Manganese | 66 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | 6.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 930 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,820 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 6,710 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,100 | | µg/L | GE |
| 0 | Sulfate | 11,800 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | 2.4 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 47,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.6 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |

WELL BGO 13DR collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.4E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.2E-09 ± 1.5E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 6.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 7.6E-05 ± 1.4E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 14AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92 — Time: 9:20
Depth to water: 141.39 ft (43.10 m) below TOC — pH: 11.1
Water elevation: 159.31 ft (48.56 m) msl — Alkalinity: 160 mg/L
Sp. conductance: 487 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 165 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 1 | Specific conductance | 430 | | µS/cm | GE |
| 0 | Turbidity | 0.11 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 2 | Aluminum | 814 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | 5.9 | | µg/L | GE |
| 0 | Barium | 100 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 45,300 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,140 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 108 | | µg/L | GE |
| 0 | Iron | 4.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 456 | | µg/L | GE |
| 0 | Manganese | 6.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 240 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 240 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 13,200 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 21,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,800 | | µg/L | GE |

WELL BGO 14AR collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sulfate | 5,620 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 201,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,530 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 8.7 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.8 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.6E-09 ± 7.1E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 1.8E-08 ± 9.7E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 5.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.8E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 14CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92
Depth to water: 76.46 ft (23.31 m) below TOC
Water elevation: 224.04 ft (68.29 m) msl
Sp. conductance: 123 µS/cm
Water evacuated before sampling: 16 gal
The well went dry during purging.

Time: 9:05
pH: 7.0
Alkalinity: 24 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.5 | JQ | pH | GE |
| 0 | Specific conductance | 105 | | µS/cm | GE |
| 0 | Specific conductance | 110 | | µS/cm | GE |
| 0 | Turbidity | 5.2 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 22 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,950 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,470 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |

WELL BGO 14CR collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | | µg/L | GE |
| 0 | Dichloromethane | 2.7 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 66 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,550 | | µg/L | GE |
| 1 | Manganese | 36 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | 10 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 880 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,940 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 11,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,550 | | µg/L | GE |
| 0 | Sulfate | 12,300 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 64,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 31 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 4.6 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 4.3 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 46 | | µg/L | GE |
| 2 | Trichloroethylene | 44 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 5.7E-09 ± 6.5E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.3E-05 ± 1.2E-08 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 14DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92
Depth to water: 69.37 ft (21.14 m) below TOC
Water elevation: 230.93 ft (70.39 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 35 gal

Time: 8:45
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 8.3 | J | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Turbidity | 0.59 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,660 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,370 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 6.1 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 8.4 | | µg/L | GE |
| 0 | Lead | 3.1 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 620 | | µg/L | GE |
| 1 | Manganese | 30 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | 4.3 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,150 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,350 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,580 | | µg/L | GE |
| 0 | Sulfate | 1,470 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 20,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 10 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 17 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.6E-09 ± 4.0E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |

WELL BGO 14DR collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 5.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 9.9E-05 ± 1.5E-06 | | µCi/mL | GE |
| 2 | Tritium | 9.8E-05 ± 1.5E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 68.16 ft (20.78 m) below TOC
Water elevation: 230.54 ft (70.27 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 31 gal

Time: 13:50
pH: 5.3
Alkalinity: 2 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Turbidity | 3.1 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 9.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,530 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,190 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | 2.4 | | µg/L | GE |
| 0 | Dichloromethane | 4.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 459 | | µg/L | GE |
| 0 | Manganese | 6.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,190 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 6,520 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,370 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 5.7 | | µg/L | GE |
| 0 | Tin | 2.2 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 24,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 124 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 89 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.7 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

WELL BGO 15D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 5.2E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 6.9E-04 ± 6.1E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 5.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 7.1E-04 ± 4.0E-06 | | µCi/mL | GE |
| 2 | Tritium | 7.1E-04 ± 4.0E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 — Time: 9:10
Depth to water: 143.45 ft (43.72 m) below TOC — pH: 11.7
Water elevation: 161.55 ft (49.24 m) msl — Alkalinity: 401 mg/L
Sp. conductance: 1750 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 22 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 1,280 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 607 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 105 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 91,700 | | µg/L | GE |
| 0 | Carbon disulfide | 2.2 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,580 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |

WELL BGO 16A collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | 157 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |

WELL BGO 16A collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 46 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | 13,200 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 31,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11,100 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 10,900 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |

WELL BGO 16A collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | 2.1 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 329,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.6 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 5.6E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92
Time: 9:35
Depth to water: 73.15 ft (22.30 m) below TOC
pH: 10.7
Water elevation: 231.45 ft (70.55 m) msl
Alkalinity: 132 mg/L
Sp. conductance: 385 µS/cm
Water temperature: 20.5°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 1 | Specific conductance | 285 | | µS/cm | GE |
| 0 | Turbidity | 22 | | NTU | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 534 | | µg/L | GE |
| 2 | Aluminum | 508 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 16D collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 73 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,880 | | µg/L | GE |
| 0 | Calcium | 1,880 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,440 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 1 | Dichlorodifluoromethane | 8.3 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |

WELL BGO 16D collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 1 | Iron | 150 | | µg/L | GE |
| 0 | Iron | 143 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 218 | | µg/L | GE |
| 0 | Magnesium | 215 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 389 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | 16,500 | | µg/L | GE |
| 0 | Potassium | 16,500 | | µg/L | GE |

WELL BGO 16D collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,300 | | µg/L | GE |
| 0 | Silica | 11,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 42,200 | | µg/L | GE |
| 0 | Sodium | 42,300 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 3,470 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 4.6 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 150,000 | | µg/L | GE |
| 0 | Total dissolved solids | 142,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 16 | | µg/L | GE |
| 0 | Total phosphates (as P) | 84 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 9.7 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 6.8E-09 ± 1.8E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 9.8E-04 ± 7.5E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-03 ± 5.2E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 17DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 10:25
Inaccessibility or mechanical problem prevented sample collection.

## WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92 Time: 9:20
Depth to water: 133.67 ft (40.74 m) below TOC pH: 6.9
Water elevation: 161.53 ft (49.23 m) msl Alkalinity: 69 mg/L
Sp. conductance: 188 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 163 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.5 | JQ | pH | GE |
| 0 | Specific conductance | 198 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 36 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 34,200 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,540 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 32 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,180 | | µg/L | GE |
| 2 | Manganese | 52 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,190 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 35,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,420 | | µg/L | GE |
| 0 | Sulfate | 9,090 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 129,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 60 | | µg/L | GE |
| 0 | Total phosphates (as P) | 116 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.2 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |

WELL BGO 18A collected on 08/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92 Time: 8:50
Depth to water: 62.45 ft (19.03 m) below TOC pH: 4.5
Water elevation: 232.45 ft (70.85 m) msl Alkalinity: 0 mg/L
Sp. conductance: 15 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 1 | Aluminum | 39 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 650 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,690 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 17 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 272 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 870 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,040 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,730 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |

WELL BGO 18D collected on 08/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 15,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.4 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.8 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.2E-09 | ± 1.5E-09 | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 | ± 7.0E-07 | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92 Time: 10:30
Inaccessibility or mechanical problem prevented sample collection.

## WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 10:30
Depth to water: 49.65 ft (15.13 m) below TOC
Water elevation: 234.05 ft (71.34 m) msl
The well went dry before sampling began.

## WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 8:35
Depth to water: 50.16 ft (15.29 m) below TOC pH: 5.8
Water elevation: 235.24 ft (71.70 m) msl Alkalinity: 15 mg/L
Sp. conductance: 91 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.7 | JQ | pH | GE |
| 0 | Specific conductance | 95 | | µS/cm | GE |
| 0 | Turbidity | 26 | | NTU | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,230 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 5,680 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |

WELL BGO 21D collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 29 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 312 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,300 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 8,380 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,500 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 52,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.2 | | µg/L | GE |
| 0 | Total phosphates (as P) | 64 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 5.2E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.7E-05 ± 1.0E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92
Depth to water: 53.28 ft (16.24 m) below TOC
Water elevation: 233.22 ft (71.09 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 102 gal

Time: 11:05
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Turbidity | 0.48 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |

WELL BGO 22D collected on 08/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.9 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,090 | J2 | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,640 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialiate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 22D collected on 08/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 568 | | µg/L | GE |
| 0 | Manganese | 9.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,060 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | 0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |

WELL BGO 22D collected on 08/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,830 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,710 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | 2.2 | V | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 19,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.3 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 3.5 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 5.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.5E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92
Depth to water: 53.01 ft (16.16 m) below TOC
Water elevation: 236.19 ft (71.99 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 37 gal

Time: 10:10
pH: 5.7
Alkalinity: 5 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.6 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,140 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 780 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 16 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 322 | | µg/L | GE |
| 0 | Manganese | 7.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,200 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,660 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,360 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.2 | | µg/L | GE |
| 0 | Tin | 3.1 | V | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 26,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.9 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |

WELL BGO 23D collected on 08/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.4E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92
Depth to water: 55.68 ft (17.03 m) below TOC
Water elevation: 237.32 ft (72.34 m) msl
Sp. conductance: 66 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 8:05
pH: 9.5
Alkalinity: 23 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.5 | JQ | pH | GE |
| 1 | pH | 9.5 | JQ | pH | GE |
| 0 | Specific conductance | 69 | | µS/cm | GE |
| 0 | Turbidity | 21 | | NTU | GE |
| 0 | Turbidity | 20 | | NTU | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 2 | Aluminum | 260 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,850 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,400 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 5.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 87 | | µg/L | GE |
| 0 | Manganese | 2.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 794 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 800 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 834 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,660 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,980 | | µg/L | GE |
| 0 | Sulfate | 4,390 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | 2.4 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 40,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 83 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 24D collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 7.4E-08 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92
Depth to water: 134.95 ft (41.13 m) below TOC
Water elevation: 161.55 ft (49.24 m) msl
Sp. conductance: 249 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.

Time: 8:00
pH: 7.3
Alkalinity: 105 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.5 | JQ | pH | GE |
| 0 | Specific conductance | 225 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 38 | | µg/L | GE |
| 0 | Barium | 38 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 48,100 | | µg/L | GE |
| 0 | Calcium | 48,400 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,410 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |

WELL BGO 25A collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |

WELL BGO 25A collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 827 | | µg/L | GE |
| 0 | Magnesium | 830 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 772 | | µg/L | GE |
| 0 | Potassium | 794 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 48,600 | | µg/L | GE |
| 0 | Silica | 48,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,310 | | µg/L | GE |
| 0 | Sodium | 2,310 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 9,120 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |

WELL BGO 25A collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | 5.4 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 177,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,440 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 30 | | µg/L | GE |
| 0 | Zinc | 30 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92 Time: 11:30
Depth to water: 128.48 ft (39.16 m) below TOC
Water elevation: 158.72 ft (48.38 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 Time: 8:40
Depth to water: 56.92 ft (17.35 m) below TOC pH: 5.0
Water elevation: 228.58 ft (69.67 m) msl Alkalinity: 1 mg/L
Sp. conductance: 29 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Turbidity | 28 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 26D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,400 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,050 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 48 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | 1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | 1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |

WELL BGO 26D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | 1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 118 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 1 | Lead | 9.5 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 416 | | µg/L | GE |
| 0 | Manganese | 7.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,100 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |

WELL BGO 26D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,870 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,350 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 2 | Thallium | 3.6 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 27,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-06 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-06 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-06 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-06 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-06 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-06 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-06 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-06 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-06 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-06 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-06 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.5E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-06 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-06 | | µCi/mL | GP |

## WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92
Depth to water: 54.52 ft (16.62 m) below TOC
Water elevation: 221.48 ft (67.51 m) msl
Sp. conductance: 129 µS/cm
Water evacuated before sampling: 175 gal
Time: 12:30
pH: 6.9
Alkalinity: 35 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.6 | JQ | pH | GE |
| 0 | Specific conductance | 112 | | µS/cm | GE |
| 0 | Turbidity | 0.75 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |

WELL BGO 27C collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 21,700 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,810 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 27C collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 311 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,170 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |

WELL BGO 27C collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 10,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,650 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 75,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 78,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 240 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 25 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 2 | Vinyl acetate | 40 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 3.8 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |

WELL BGO 27C collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.6E-05 ± 1.1E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-86 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGC 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 48.16 ft (14.68 m) below TOC
Water elevation: 228.14 ft (69.54 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 9:15
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Turbidity | 29 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 1 | Aluminum | 36 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,350 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,750 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |

WELL BGO 27D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 30 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | 1.2 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 27D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 1 | Iron | 241 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 1 | Lead | 8.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,250 | | µg/L | GE |
| 1 | Manganese | 30 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | 5.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,320 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |

WELL BGO 27D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 937 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 6,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,260 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 27,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 7.5 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

WELL BGO 27D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 22 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.5E-09 ± 4.4E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.2E-09 ± 4.5E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 6.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 7.8E-05 ± 1.4E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 50.52 ft (15.40 m) below TOC
Water elevation: 226.88 ft (69.15 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 10:00
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Turbidity | 74 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 1 | Aluminum | 32 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 21 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,990 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloride | 8,600 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 2 | Chloroethene (Vinyl chloride) | 167 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | 34 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 14 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethane | 23 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 15 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |

WELL BGO 28D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 565 | | µg/L | GE |
| 1 | Lead | 7.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 824 | | µg/L | GE |
| 2 | Manganese | 72 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | 17 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 414 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 420 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,470 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,030 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,420 | | µg/L | GE |
| 0 | Sulfate | 3,890 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 5.5 | | µg/L | GE |
| 0 | Tin | 3.6 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Total dissolved solids | 44,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,340 | | µg/L | GE |
| 2 | Total organic halogens | 552 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | JQ | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 326 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <10 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 5.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 8.1E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.2E-01 ± 2.5E-04 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 8.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-01 ± 5.1E-05 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-01 ± 5.2E-05 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 102.84 ft (31.35 m) below TOC
Water elevation: 161.38 ft (49.18 m) msl
Sp. conductance: 106 µS/cm
Water evacuated before sampling: 40 gal
The well went dry during purging.

Time: 13:00
pH: 9.6
Alkalinity: 43 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.1 | JQ | pH | GE |
| 0 | Specific conductance | 95 | | µS/cm | GE |
| 0 | Turbidity | 9.4 | | NTU | GE |
| 0 | Turbidity | 8.9 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 22 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 23,900 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,630 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 29A collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.8 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 545 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 900 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 12,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,520 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 71,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 130 | | µg/L | GE |
| 0 | Total phosphates (as P) | 120 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.5E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 41.47 ft (12.64 m) below TOC
Water elevation: 223.33 ft (68.07 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 28 gal
The well went dry during purging.

Time: 12:35
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,640 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,030 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 615 | | µg/L | GE |
| 0 | Manganese | 6.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,370 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,370 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 536 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,720 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,170 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |

WELL BGO 29C collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.4E-05 ± 1.5E-06 | | µCi/mL | GE |
| 2 | Tritium | 8.7E-05 ± 1.5E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 38.58 ft (11.76 m) below TOC
Water elevation: 226.92 ft (69.17 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 12:10
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 52 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 38 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,160 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,330 | | µg/L | GE |
| 0 | Chloride | 2,290 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 76 | | µg/L | GE |
| 0 | Lead | 3.2 | | µg/L | GE |
| 0 | Lead | 3.2 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,100 | | µg/L | GE |
| 2 | Manganese | 69 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 9.2 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 720 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,010 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,930 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,250 | | µg/L | GE |
| 0 | Sulfate | 11,500 | | µg/L | GE |
| 0 | Sulfate | 11,600 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 48,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 90 | | µg/L | GE |
| 0 | Total phosphates (as P) | 90 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

WELL BGO 29D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.5E-09 ± 5.7E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.1E-09 ± 4.4E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 2.3E-09 ± 7.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 54.58 ft (16.64 m) below TOC
Water elevation: 219.91 ft (67.03 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging.

Time: 10:25
pH: 8.3
Alkalinity: 15 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Turbidity | 526 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,460 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,280 | | µg/L | GE |
| 0 | Chloride | 2,240 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | 2.5 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 238 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,450 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,570 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |

WELL BGO 30C collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium | 4,170 | | µg/L | GE |
| 0 | Sulfate | 2,040 | | µg/L | GE |
| 0 | Sulfate | 1,980 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 34,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 13 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Total phosphates (as P) | 460 | | µg/L | GE |
| 0 | Total phosphates (as P) | 450 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 14 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.2E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 5.8E-04 ± 5.7E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.9E-04 ± 3.8E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 48.45 ft (14.77 m) below TOC
Water elevation: 226.35 ft (68.99 m) msl
Sp. conductance: 114 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 10:50
pH: 5.6
Alkalinity: 12 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 125 | | µS/cm | GE |
| 0 | Turbidity | 18 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 2 | Aluminum | 102 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 47 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,480 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 18,100 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 2 | Chloroethene (Vinyl chloride) | 4.7 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 10 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 12 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethane | 57 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethylene | 17 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ6 | µg/L | GE |

WELL BGO 30D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 80 | | µg/L | GE |
| 2 | Lead | 18 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ6 | µg/L | GE |
| 0 | Magnesium | 882 | | µg/L | GE |
| 2 | Manganese | 51 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ6 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | 14 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,740 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 699 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,840 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 15,900 | | µg/L | GE |
| 0 | Sulfate | 1,580 | | µg/L | GE |
| 0 | Sulfate | 1,680 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 2.3 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 77,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,620 | | µg/L | GE |
| 2 | Total organic halogens | 624 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | JQ | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ6 | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 43 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 1.2E-08 ± 4.7E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 8.5E-09 ± 3.8E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.2E-02 ± 1.3E-04 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 8.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 4.9E-02 ± 3.3E-05 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92
Depth to water: 46.89 ft (14.29 m) below TOC
Water elevation: 226.21 ft (68.95 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 30 gal
The well went dry during purging.

Time: 9:10
pH: 5.6
Alkalinity: 5 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Turbidity | 74 | JQ | NTU | GE |
| 0 | Turbidity | 75 | JQ | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | JQ | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |

WELL BGO 31C collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.9 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,520 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | JQ | µg/L | GE |
| 0 | Chloride | 1,780 | | µg/L | GE |
| 0 | Chloride | 1,780 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | JQ | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | JQ | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | JQ | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | JQ | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | JQ | µg/L | GE |
| 0 | Endosulfan II | <0.10 | JQ | µg/L | GE |

WELL BGO 31C collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endosulfan sulfate | <0.10 | JQ | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | JQ | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | JQ | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | JQ | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ | µg/L | GE |
| 0 | Magnesium | 487 | | µg/L | GE |
| 0 | Manganese | 8.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,030 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | JQ | µg/L | GE |
| 0 | Parathion methyl | <0.050 | JQ | µg/L | GE |
| 0 | PCB 1016 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1221 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1232 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1242 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1248 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1254 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1260 | <0.50 | JQ | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |

WELL BGO 31C collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phorate | <0.10 | JQ | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,560 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,730 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | JQ | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 24,000 | | µg/L | GE |
| 0 | Total dissolved solids | 27,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,690 | | µg/L | GE |
| 0 | Total organic carbon | 2,680 | | µg/L | GE |
| 0 | Total organic halogens | 18 | | µg/L | GE |
| 0 | Total organic halogens | 20 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 60 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | JQ | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 4.4 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.2E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.6E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.9E-03 ± 4.1E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 5.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-03 ± 7.0E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 — Time: 8:45
Depth to water: 46.28 ft (14.11 m) below TOC — pH: 4.6
Water elevation: 227.42 ft (69.32 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Turbidity | 86 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 1 | Aluminum | 40 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 563 | J2 | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 3,490 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 8.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 2 | Dichlorodifluoromethane | 31 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |

WELL BGO 31D collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 43 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,550 | | µg/L | GE |
| 0 | Manganese | 8.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,210 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |

WELL BGO 31D collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,110 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,390 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 2.5 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 23,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 42 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.080 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.7 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.2E-09 ± 5.3E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.5E-09 ± 5.4E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 6.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 7.5E-05 ± 1.4E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

WELL BGO 31D collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 — Time: 7:10
Depth to water: 53.51 ft (16.31 m) below TOC — pH: 4.8
Water elevation: 226.19 ft (69.55 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 68 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 85 | | µS/cm | GE |
| 0 | Turbidity | 70 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 2 | Aluminum | 360 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 83 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 844 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 5,780 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 1.5 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 24 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 35 | | µg/L | GE |
| 1 | Lead | 10 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,640 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,800 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,700 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,040 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,320 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 6.2 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 38,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 13 | | µg/L | GE |
| 0 | Total phosphates (as P) | 200 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |

WELL BGO 32D collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 1.5E-08 ± 2.9E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 9.4E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.0E-03 ± 7.7E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.6E-04 ± 4.6E-06 | | µCi/mL | GE |
| 2 | Tritium | 9.6E-04 ± 4.6E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-80 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 — Time: 14:35
Depth to water: 53.69 ft (16.36 m) below TOC — pH: 5.6
Water elevation: 225.71 ft (68.80 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 63 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 126 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 55 | | µS/cm | GE |
| 0 | Specific conductance | 55 | | µS/cm | GE |
| 0 | Turbidity | 0.99 | JQ | NTU | GE |
| 0 | Acenaphthene | <10 | JQ | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ | µg/L | GE |
| 0 | Acetone | <100 | JQ | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | JQ | µg/L | GE |
| 0 | Acetophenone | <10 | JQ | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | JQ | µg/L | GE |
| 0 | Acrolein | <20 | JQ | µg/L | GE |
| 0 | Acrylonitrile | <20 | JQ | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | JQ | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | JQ | µg/L | GE |
| 0 | Aniline | <10 | JQ | µg/L | GE |
| 0 | Anthracene | <10 | JQ | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | JQ | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Benzene | <1.0 | JQ | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ | µg/L | GE |
| 0 | Benzyl alcohol | <10 | JQ | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | JQ | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | JQ | µg/L | GE |
| 0 | Bromoform | <1.0 | JQ | µg/L | GE |
| 0 | Bromomethane | <1.0 | JQ | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,400 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | JQ | µg/L | GE |
| 0 | Carbon tetrachloride | 1.0 | JQ | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 5,240 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | JQ | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | JQ | µg/L | GE |
| 0 | Chlorobenzilate | <10 | JQ | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ | µg/L | GE |
| 0 | Chloroethane | <1.0 | JQ | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | JQ | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | JQ | µg/L | GE |
| 0 | Chloroform | 14 | JQ | µg/L | GE |
| 0 | Chloromethane | <1.0 | JQ | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ | µg/L | GE |
| 0 | Chloroprene | <200 | JQ | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |

WELL BGO 33C collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | JQ | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ | µg/L | GE |
| 0 | Dibenzofuran | <10 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | JQ | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | JQ | µg/L | GE |
| 0 | Dibromomethane | <1.0 | JQ | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | JQ | µg/L | GE |
| 2 | Dichlorodifluoromethane | 25 | JQ | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | Dichloromethane | 1.7 | JQ2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | JQ | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | JQ | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | JQ | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ | µg/L | GE |
| 0 | Dimethoate | <10 | JQ | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | JQ | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | JQ | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | JQ | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | JQ | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | JQ | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | JQ | µg/L | GE |
| 0 | Diphenylamine | <10 | JQ | µg/L | GE |
| 0 | Disulfoton | <10 | JQ | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | JQ | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | JQ | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | JQ | µg/L | GE |
| 0 | Famphur | <10 | JQ | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ | µg/L | GE |
| 0 | Fluorene | <10 | JQ | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ | µg/L | GE |
| 0 | Hexachloropropene | <10 | JQ | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | JQ | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | JQ | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | JQ | µg/L | GE |
| 0 | Isodrin | <10 | JQ | µg/L | GE |
| 0 | Isophorone | <10 | JQ | µg/L | GE |
| 0 | Isosafrole | <10 | JQ | µg/L | GE |
| 0 | Kepone | <10 | JQ | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 728 | | µg/L | GE |
| 1 | Manganese | 30 | | µg/L | GE |
| 1 | Mercury | 1.2 | | µg/L | GE |

WELL BGO 33C collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methacrylonitrile | <50 | JQ | µg/L | GE |
| 0 | Methapyrilene | <10 | JQ | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | JQ | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | JQ | µg/L | GE |
| 0 | Methyl methacrylate | <10 | JQ | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | JQ | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | JQ | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | JQ | µg/L | GE |
| 0 | Naphthalene | <10 | JQ | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | JQ | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | JQ | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | JQ | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,110 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | JQ | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | JQ | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | JQ | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | JQ | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | JQ | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | JQ | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | JQ | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | JQ | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Phenacetin | <10 | JQ | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ | µg/L | GE |
| 0 | Phenol | <10 | JQ | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | JQ | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | JQ | µg/L | GE |
| 0 | Potassium | 540 | | µg/L | GE |
| 0 | Pronamid | <10 | JQ | µg/L | GE |
| 0 | Propionitrile | <200 | JQ | µg/L | GE |
| 0 | Pyrene | <10 | JQ | µg/L | GE |
| 0 | Pyridine | <10 | JQ | µg/L | GE |
| 0 | Safrole | <10 | JQ | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,220 | | µg/L | GE |
| 0 | Styrene | <1.0 | JQ | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | JQ | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | JQ | µg/L | GE |
| 2 | Tetrachloroethylene | 5.5 | JQ | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | JQ | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | JQ | µg/L | GE |
| 0 | o-Toluidine | <10 | JQ | µg/L | GE |
| 0 | Total dissolved solids | 45,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 33C collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Total organic halogens | 77 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | JQ | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | JQ | µg/L | GE |
| 2 | Trichloroethylene | 24 | JQ | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | JQ | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | JQ | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | JQ | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | JQ | µg/L | GE |
| 0 | Xylenes | <2.0 | JQ | µg/L | GE |
| 0 | Zinc | 3.1 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-06 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-06 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-06 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-06 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-06 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-06 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-06 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-06 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-06 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-06 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-06 | | µCi/mL | GP |
| 0 | Total activity | 7.9E-03 ± 6.5E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.4E-03 ± 1.3E-05 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-06 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-06 | | µCi/mL | GP |

## WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 — Time: 7:10
Depth to water: 49.42 ft (15.06 m) below TOC — pH: 4.6
Water elevation: 230.86 ft (70.37 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 89 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 62 | | µS/cm | GE |
| 0 | Turbidity | 40 | JQ | NTU | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 194 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |

WELL BGO 33D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,980 | | µg/L | GE |
| 1 | Carbon disulfide | 8.1 | | µg/L | GE |
| 1 | Carbon disulfide | 5.1 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 9,300 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 17 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialiate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |

WELL BGO 33D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 1 | Iron | 288 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 1 | Lead | 8.9 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,900 | | µg/L | GE |
| 0 | Manganese | 8.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | 4.9 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,250 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |

WELL BGO 33D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | 2,460 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,330 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,610 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 38,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.2 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 21 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.9E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 6.0E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.6E-09 ± 5.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.6E-05 ± 9.0E-07 | | µCi/mL | GE |

WELL BGO 33D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92
Depth to water: 41.21 ft (12.56 m) below TOC
Water elevation: 233.69 ft (71.23 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.

Time: 7:45
pH: 5.5
Alkalinity: 2 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 38 | | µS/cm | GE |
| 0 | Turbidity | 4.2 | JQ | NTU | GE |
| 0 | Turbidity | 3.7 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 28 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,440 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,570 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 16 | | µg/L | GE |
| 0 | Lead | 5.5 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 771 | | µg/L | GE |
| 0 | Manganese | 4.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,120 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,930 | J2 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 27,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,740 | | µg/L | GE |
| 1 | Total organic halogens | 33 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-06 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-06 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-06 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-06 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-06 | | µCi/mL | GP |

WELL BGO 34D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cesium-134 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-06 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-06 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-06 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-06 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-06 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-06 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-06 | | µCi/mL | GP |
| 0 | Gross alpha | 3.7E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-06 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-06 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.1E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-06 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-06 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-06 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-06 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-06 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-06 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-06 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-06 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 3.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.8E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-06 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-06 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-06 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-06 | | µCi/mL | GP |

## WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92
Depth to water: 44.62 ft (13.60 m) below TOC
Water elevation: 228.77 ft (69.73 m) msl
Sp. conductance: 62 µS/cm
Water evacuated before sampling: 175 gal

Time: 8:30
pH: 7.4
Alkalinity: 19 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.2 | JQ | pH | GE |
| 0 | Specific conductance | 58 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | JQ | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 187 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 8,980 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |

WELL BGO 35C collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloride | 1,790 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |

WELL BGO 35C collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 266 | | µg/L | GE |
| 0 | Manganese | 5.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,150 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.1 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,710 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,020 | J2 | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.7 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 43,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGO 35C collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.7 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 2.7 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 Time: 7:35
Depth to water: 38.41 ft (11.71 m) below TOC pH: 4.6
Water elevation: 235.09 ft (71.66 m) msl Alkalinity: 0 mg/L
Sp. conductance: 37 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Turbidity | 190 | | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 82 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |

WELL BGO 35D collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 221 | J2 | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,760 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 25 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |

WELL BGO 35D collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 396 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,340 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |

WELL BGO 35D collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,480 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,410 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.4 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | | µg/L | GE |
| 0 | Total dissolved solids | 35,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.1 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 20 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 6.4E-05 ± 2.2E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 8.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-04 ± 1.9E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |

WELL BGO 35D collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 Time: 9:00
Depth to water: 38.18 ft (11.64 m) below TOC pH: 4.8
Water elevation: 237.22 ft (72.31 m) msl Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Turbidity | 63 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 2 | Aluminum | 138 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 96 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,640 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 29 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | Dichloromethane | 2.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 110 | | µg/L | GE |
| 1 | Lead | 9.2 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 444 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,110 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,320 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,880 | J2 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |

WELL BGO 36D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tin | 3.1 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 22,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 3.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.8E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 Time: 15:15
Depth to water: 55.54 ft (16.93 m) below TOC
Water elevation: 230.76 ft (70.34 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 Time: 9:35
Depth to water: 49.14 ft (14.98 m) below TOC pH: 5.1
Water elevation: 238.16 ft (72.59 m) msl Alkalinity: 1 mg/L
Sp. conductance: 33 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 38 | | µS/cm | GE |
| 0 | Turbidity | 100 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 476 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,300 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 12 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |

WELL BGO 37D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | GE |
| 0 | Lead | 4.8 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 339 | | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,380 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,860 | J2 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.6E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92
Depth to water: 56.11 ft (17.10 m) below TOC
Water elevation: 235.48 ft (71.78 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 11:00
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Turbidity | 78 | JQ | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 2 | Aluminum | 213 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 14 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |

WELL BGO 38D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 95 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,280 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 6.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 21 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 761 | | µg/L | GE |
| 0 | Manganese | 9.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,780 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,730 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,390 | J2 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 12,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 340 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 4.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 4.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.9E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 — Time: 10:00
Depth to water: 60.13 ft (18.33 m) below TOC — pH: 4.3
Water elevation: 235.57 ft (71.80 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Turbidity | 58 | JQ | NTU | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 89 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.6 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 24 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 3,060 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |

WELL BGO 39D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 7.7 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |

WELL BGO 39D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 2 | Iron | 385 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | 3.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 119 | | µg/L | GE |
| 0 | Manganese | 2.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,510 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |

WELL BGO 39D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,180 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,930 | J2 | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 1,040 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 20,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.6 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |

WELL BGO 39D collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc | 17 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.0E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 3.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 3.0E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BGO 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92
Depth to water: 65.54 ft (19.96 m) below TOC
Water elevation: 222.86 ft (67.93 m) msl
Sp. conductance: 491 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.

Time: 10:45
pH: 7.8
Alkalinity: 217 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.8 | JQ | pH | GE |
| 1 | Specific conductance | 470 | | µS/cm | GE |
| 0 | Turbidity | 111 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 1 | Aluminum | 29 | | µg/L | GE |
| 1 | Aluminum | 28 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 35 | | µg/L | GE |
| 0 | Barium | 35 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 7,610 | J2 | µg/L | GE |
| 0 | Calcium | 7,600 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 5,230 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 8.9 | | µg/L | GE |
| 0 | Chloroform | 8.4 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |

WELL BGO 40D collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 5.8 | | µg/L | GE |
| 0 | Iron | 5.8 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,310 | | µg/L | GE |
| 0 | Magnesium | 1,310 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | 6.1 | | µg/L | GE |
| 0 | Nickel | 4.9 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 470 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 71,600 | J2 | µg/L | GE |
| 0 | Potassium | 72,800 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 6,240 | | µg/L | GE |
| 0 | Silica | 6,230 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 59,900 | | µg/L | GE |
| 0 | Sodium | 59,800 | | µg/L | GE |
| 0 | Sulfate | 7,120 | | µg/L | GE |
| 0 | Sulfate | 7,120 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | 3.4 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 276,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.9 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.9 | | µg/L | GE |
| 0 | Trichloroethylene | 1.8 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.6E-08 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 7.8E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 142.06 ft (43.30 m) below TOC
Water elevation: 158.24 ft (48.23 m) msl
Sp. conductance: 1736 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.

Time: 10:55
pH: 11.7
Alkalinity: 375 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 650 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 198 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |

WELL BGO 41A collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 62,200 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,230 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 7.5 | | µg/L | GE |
| 0 | Lead | 3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 71 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 26,400 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 24,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 29,100 | | µg/L | GE |
| 0 | Sulfate | 10,700 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | 1.1 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | 1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | 1.4 | | µg/L | GE |
| 0 | Toluene | 1.4 | | µg/L | GE |
| 0 | Toluene | 1.5 | | µg/L | GE |
| 0 | Total dissolved solids | 227,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,130 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 1.8 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 1.8 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 1.7 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |

WELL BGO 41A collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.8 | | µg/L | GE |
| 0 | Trichloroethylene | 1.8 | | µg/L | GE |
| 0 | Trichloroethylene | 1.8 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 4.0E-09 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 3.7E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.6E-08 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.7E-08 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 74.14 ft (22.60 m) below TOC
Water elevation: 223.76 ft (68.20 m) msl
Sp. conductance: 83 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.

Time: 10:20
pH: 6.1
Alkalinity: 22 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,610 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,730 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.9 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 31 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 482 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,090 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,110 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,590 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,820 | | µg/L | GE |
| 0 | Sulfate | 1,270 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 34,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 56 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 86 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.6E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.1E-08 ± 8.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

WELL BGO 42C collected on 06/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/92 Time: 9:05
Depth to water: 156.07 ft (48.18 m) below TOC pH: 11.8
Water elevation: 156.83 ft (47.80 m) msl Alkalinity: 304 mg/L
Sp. conductance: 1368 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 24 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 600 | | µS/cm | GE |
| 0 | Arsenic | 11 | J2 | µg/L | GE |
| 0 | Arsenic | 11 | J2 | µg/L | GE |
| 0 | Barium | 61 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 52,200 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,450 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 27 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 120 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 18,400 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 42,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 15,300 | | µg/L | GE |
| 0 | Sulfate | 13,900 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 237,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,200 | | µg/L | GE |
| 0 | Total organic halogens | 6.6 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.3E-08 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 43AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/92 Time: 13:35
Depth to water: 157.92 ft (48.13 m) below TOC pH: 10.1
Water elevation: 156.38 ft (47.67 m) msl Alkalinity: 71 mg/L
Sp. conductance: 188 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 237 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.4 | JQ | pH | GE |
| 1 | pH | 9.4 | JQ | pH | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Arsenic | 2.5 | | µg/L | GE |
| 0 | Barium | 34 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 28,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,410 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 483 | | µg/L | GE |
| 0 | Manganese | 3.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 7,200 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 21,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,110 | J2 | µg/L | GE |
| 0 | Sulfate | 9,170 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 66,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.3E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 43CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 Time: 9:30
Depth to water: 89.33 ft (27.23 m) below TOC pH: 6.9
Water elevation: 225.97 ft (68.88 m) msl Alkalinity: 25 mg/L
Sp. conductance: 129 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 22 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.2 | JQ | pH | GE |
| 0 | Specific conductance | 115 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 26 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 15,600 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,590 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,630 | | µg/L | GE |
| 1 | Manganese | 36 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 290 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,940 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,560 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,420 | | µg/L | GE |
| 0 | Sulfate | 14,700 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 72,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,330 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 1 | Gross alpha | 8.5E-09 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.9E-09 ± 2.1E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 4.7E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 Time: 11:55
Depth to water: 83.82 ft (25.55 m) below TOC pH: 5.0
Water elevation: 231.48 ft (70.56 m) msl Alkalinity: 0 [illegible]
Sp. conductance: 82 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 87 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,570 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,620 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 4.2 | | µg/L | GE |
| 0 | Lead | 4.1 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,270 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 390 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 410 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,780 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,130 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,100 | J2 | µg/L | GE |
| 0 | Sulfate | 14,400 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | 1.1 | | µg/L | GE |
| 0 | Total dissolved solids | 37,000 | | µg/L | GE |
| 0 | Total dissolved solids | 35,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 2 | Gross alpha | 1.6E-08 ± 3.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.5E-09 ± 2.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.0E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.4E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 4.8E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL BGO 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 — Time: 14:25
Depth to water: 126.94 ft (38.69 m) below TOC — pH: 7.3
Water elevation: 158.36 ft (48.27 m) msl — Alkalinity: 81 mg/L
Sp. conductance: 202 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 159 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.6 | JQ | pH | GE |
| 0 | Specific conductance | 190 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 40 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 39,200 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,500 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 119 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 902 | | µg/L | GE |
| 0 | Manganese | 5.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,470 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 29,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,050 | J2 | µg/L | GE |
| 0 | Sulfate | 5,820 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 114,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 200 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 44AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 — Time: 15:00
Depth to water: 126.83 ft (38.66 m) below TOC — pH: 9.7
Water elevation: 158.47 ft (48.30 m) msl — Alkalinity: 92 mg/L
Sp. conductance: 207 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 384 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.3 | JQ | pH | GE |
| 0 | Specific conductance | 148 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 57 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 34,100 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,170 | | µg/L | GE |
| 0 | Chloride | 2,160 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 1 | 1,1-Dichloroethylene | 5.6 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 21 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 539 | | µg/L | GE |
| 0 | Manganese | 3.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 6,680 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 27,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,600 | J2 | µg/L | GE |
| 0 | Sulfate | 9,140 | | µg/L | GE |
| 0 | Sulfate | 9,080 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 29 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 100,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 3.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 3.0E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 8.1E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 — Time: 7:30
Depth to water: 64.10 ft (19.54 m) below TOC — pH: 11.5
Water elevation: 221.10 ft (67.39 m) msl — Alkalinity: 177 mg/L
Sp. conductance: 1225 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 39 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 1,150 | | µS/cm | GE |
| 0 | Arsenic | 4.2 | J2 | µg/L | GE |
| 0 | Barium | 56 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 19,700 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,940 | | µg/L | GE |
| 0 | Chloride | 1,920 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 231 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 280 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 100 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 11,900 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 46,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13,000 | | µg/L | GE |
| 0 | Sulfate | 10,300 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | 2.4 | | µg/L | GE |
| 0 | Total dissolved solids | 334,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.9 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 8.3E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total activity | 8.8E-04 ± 2.4E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.3E-09 ± 1.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.9E-04 ± 3.3E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 — Time: 7:55
Depth to water: 64.66 ft (19.71 m) below TOC — pH: 9.0
Water elevation: 220.94 ft (67.34 m) msl — Alkalinity: 58 mg/L
Sp. conductance: 147 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 20 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.9 | JQ | pH | GE |
| 0 | Specific conductance | 180 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 35 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 10,600 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,320 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 163 | | µg/L | GE |
| 0 | Iron | 41 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 586 | | µg/L | GE |
| 0 | Manganese | 4.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 770 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 5,810 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,370 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 16,300 | | µg/L | GE |
| 0 | Sulfate | 4,600 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 91,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | 7.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 250 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 2.9 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 2.3E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 8.2E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 3.3E-04 ± 4.4E-06 | | µCi/mL | EM |
| 1 | Total alpha-emitting radium | 3.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.0E-04 ± 2.7E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL BGO 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92 — Time: 8:20
Depth to water: 53.59 ft (16.33 m) below TOC — pH: 4.8
Water elevation: 231.81 ft (70.66 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 44 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,010 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,990 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 364 | | µg/L | GE |
| 0 | Manganese | 6.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 720 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,360 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,620 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 6.6 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 52,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 4.9E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.2E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total activity | 6.6E-04 ± 6.0E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 6.1E-04 ± 3.7E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 — Time: 12:15
Depth to water: 118.25 ft (36.04 m) below TOC — pH: 7.4
Water elevation: 160.65 ft (48.97 m) msl — Alkalinity: 73 mg/L
Sp. conductance: 165 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 115 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.0 | JQ | pH | GE |
| 0 | Specific conductance | 145 | | µS/cm | GE |
| 0 | Turbidity | 0.10 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 32 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 35,700 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,050 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 486 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 780 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 586 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 22,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,050 | | µg/L | GE |
| 0 | Sulfate | 2,960 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 114,000 | | µg/L | GE |
| 0 | Total dissolved solids | 117,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.0E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92
Depth to water: 58.45 ft (17.82 m) below TOC
Water elevation: 220.15 ft (67.10 m) msl
Sp. conductance: 279 µS/cm
Water evacuated before sampling: 44 gal
The well went dry during purging.

Time: 10:10
pH: 10.8
Alkalinity: 45 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 1 | Specific conductance | 380 | | µS/cm | GE |
| 0 | Turbidity | 2.9 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 2 | Aluminum | 381 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 73 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 40,900 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,880 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | 12 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 160 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 790 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 8,980 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 10,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 8,280 | | µg/L | GE |
| 0 | Sulfate | 2,800 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | 2.5 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 102,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.7E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.7E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92
Depth to water: 55.08 ft (16.78 m) below TOC
Water elevation: 223.54 ft (68.14 m) msl
Sp. conductance: 80 µS/cm
Water evacuated before sampling: 19 gal
The well went dry during purging.

Time: 9:50
pH: 8.2
Alkalinity: 26 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 8.9 | JQ | pH | GE |
| 0 | Specific conductance | 85 | | µS/cm | GE |
| 0 | Specific conductance | 85 | | µS/cm | GE |
| 0 | Turbidity | 9.1 | | NTU | GE |
| 0 | Turbidity | 8.7 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 10,700 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,400 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 24 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 550 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 870 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,040 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,140 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,930 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | 2.7 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 40,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 5.7 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.3E-04 ± 1.7E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL BGO 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 50.35 ft (15.35 m) below TOC
Water elevation: 228.25 ft (69.57 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 49 gal

Time: 11:35
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Turbidity | 1.9 | | NTU | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Aluminum | 23 | | µg/L | GE |
| 0 | Aluminum | 22 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 8.8 | | µg/L | GE |
| 0 | Barium | 8.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,080 | | µg/L | GE |
| 0 | Calcium | 1,090 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,110 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 6.6 | | µg/L | GE |
| 0 | Iron | 6.2 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 552 | | µg/L | GE |
| 0 | Magnesium | 550 | | µg/L | GE |
| 0 | Manganese | 10 | | µg/L | GE |
| 0 | Manganese | 10 | | µg/L | GE |
| 0 | Mercury | 0.22 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,160 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,150 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,120 | | µg/L | GE |
| 0 | Silica | 7,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| .0 | Sodium | 2,150 | | µg/L | GE |
| 0 | Sodium | 2,140 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 11,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.1 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

WELL BGO 45D collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 5.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 3.4E-04 ± 2.7E-08 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 47.14 ft (14.37 m) below TOC
Water elevation: 218.25 ft (66.52 m) msl
Sp. conductance: 62 µS/cm
Water evacuated before sampling: 206 gal

Time: 14:40
pH: 6.1
Alkalinity: 17 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | Specific conductance | 49 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 3.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 8,840 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,850 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 148 | | µg/L | GE |
| 0 | Iron | 8.0 | | µg/L | GE |
| 0 | Iron | 7.7 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 354 | | µg/L | GE |
| 0 | Manganese | 4.0 | | µg/L | GE |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 710 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 542 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 12,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,360 | | µg/L | GE |
| 0 | Sulfate | 1,660 | | µg/L | GE |
| 0 | Sulfate | 1,660 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 43,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 800 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 2.9 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |

WELL BGO 46B collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 Time: 12:10
Depth to water: 45.31 ft (13.81 m) below TOC pH: 5.9
Water elevation: 219.79 ft (66.99 m) msl Alkalinity: 11 mg/L
Sp. conductance: 79 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 30 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Specific conductance | 85 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,700 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,390 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 52 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 392 | | µg/L | GE |
| 1 | Manganese | 31 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 4.3 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 550 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,220 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,220 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,700 | | µg/L | GE |
| 0 | Sulfate | 13,200 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 19,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 19 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 18 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.1E-05 ± 1.3E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 Time: 14:05
Depth to water: 39.36 ft (12.00 m) below TOC pH: 4.8
Water elevation: 225.74 ft (68.81 m) msl Alkalinity: 0 mg/L
Sp. conductance: 41 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 844 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 4,010 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 2 | Chloroethene (Vinyl chloride) | 3.5 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 4.4 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethane | 45 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | 2.3 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 9.4 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 383 | | µg/L | GE |
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Mercury | 0.35 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,980 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,010 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,700 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 16 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 34,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,870 | | µg/L | GE |
| 2 | Total organic halogens | 377 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 81 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 4.2E-02 ± 3.4E-04 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.0E-02 ± 2.9E-05 | | µCi/mL | GE |
| 2 | Tritium | 4.0E-02 ± 2.9E-05 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL BGO 47A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92 — Time: 13:55
Depth to water: 104.66 ft (31.90 m) below TOC — pH: 8.7
Water elevation: 162.23 ft (49.45 m) msl — Alkalinity: 53 mg/L
Sp. conductance: 152 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 199 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | Specific conductance | 125 | | µS/cm | GE |
| 0 | Arsenic | 2.9 | | µg/L | GE |
| 0 | Barium | 42 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 25,900 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,420 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 122 | | µg/L | GE |
| 0 | Iron | 7.7 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 711 | | µg/L | GE |
| 2 | Manganese | 72 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,630 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 22,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,020 | | µg/L | GE |
| 0 | Sulfate | 6,560 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 98,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 430 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.6E-09 ± 3.6E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92 — Time: 13:35
Depth to water: 44.72 ft (13.63 m) below TOC — pH: 5.4
Water elevation: 222.88 ft (67.93 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 118 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 8.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,010 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,890 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 1.1 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 607 | | µg/L | GE |
| 0 | Manganese | 8.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,340 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 689 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,950 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 24,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 7.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.2 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total activity | 3.7E-04 ± 1.6E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.5E-04 ± 2.6E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92 Time: 14:10
Depth to water: 40.69 ft (12.40 m) below TOC pH: 5.3
Water elevation: 226.70 ft (69.10 m) msl Alkalinity: 2 mg/L
Sp. conductance: 45 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 83 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,510 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,650 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 855 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,280 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,210 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.6 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 8.5 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 4.3E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 3.9E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.1E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.4E-03 ± 3.0E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.3E-03 ± 5.3E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92 Time: 12:55
Depth to water: 52.88 ft (16.12 m) below TOC pH: 5.1
Water elevation: 223.72 ft (68.19 m) msl Alkalinity: 1 mg/L
Sp. conductance: 34 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 125 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,670 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,810 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | JQ | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ | µg/L | GE |
| 0 | Magnesium | 640 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,930 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,080 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,450 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.2 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 30,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 28 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.4 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 2.2E-03 ± 1.1E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.1E-03 ± 6.8E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL BGO 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/92
Depth to water: 49.92 ft (15.22 m) below TOC
Water elevation: 226.96 ft (69.18 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 67 gal

Time: 12:30
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 103 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 898 | | µg/L | GE |
| 1 | Carbon tetrachloride | 2.5 | | µg/L | GE |
| 0 | Chloride | 3,910 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 3.4 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.4 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ | µg/L | GE |
| 0 | Magnesium | 928 | | µg/L | GE |
| 0 | Manganese | 9.7 | | µg/L | GE |
| 0 | Mercury | 0.95 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,960 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,160 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,020 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 56 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 176 | | µg/L | GE |
| 2 | Total organic halogens | 170 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | JQ | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 79 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 2 | Gross alpha | 1.8E-08 ± 5.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.1E-08 ± 4.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.5E-01 ± 6.3E-04 | | µCi/mL | EM |
| 1 | Total alpha-emitting radium | 3.8E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.5E-01 ± 5.7E-05 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/92
Depth to water: 105.89 ft (32.28 m) below TOC
Water elevation: 165.31 ft (50.39 m) msl
Sp. conductance: 198 µS/cm
Water evacuated before sampling: 238 gal

Time: 14:40
pH: 9.9
Alkalinity: 92 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.9 | JQ | pH | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 35 | | µg/L | GE |
| 0 | Barium | 35 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 32,900 | J2 | µg/L | GE |
| 0 | Calcium | 33,100 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,160 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.1 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane . | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 550 | | µg/L | GE |
| 0 | Magnesium | 551 | | µg/L | GE |
| 0 | Manganese | 5.3 | | µg/L | GE |
| 0 | Manganese | 5.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 7,580 | J2 | µg/L | GE |
| 0 | Potassium | 7,660 | J2 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 19,500 | | µg/L | GE |
| 0 | Silica | 19,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,080 | | µg/L | GE |
| 0 | Sodium | 4,100 | | µg/L | GE |
| 0 | Sulfate | 3,080 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 92,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | JQ6 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.8E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.2E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.8E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |

WELL BGO 49A collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 49C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92
Depth to water: 42.72 ft (13.02 m) below TOC
Water elevation: 228.38 ft (69.61 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 165 gal
Time: 14:05
pH: 7.5
Alkalinity: 20 mg/L
Water temperature: 19.[illegible]°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.8 | JQ | pH | GE |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 36 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,950 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,360 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 5.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 146 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 580 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 4,090 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,770 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,280 | | µg/L | GE |
| 0 | Sulfate | 2,690 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 44,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 120 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.1E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92
Depth to water: 36.42 ft (11.10 m) below TOC
Water elevation: 235.08 ft (71.65 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 13:25
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 559 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,460 | | µg/L | GE |
| 0 | Chloride | 1,440 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 27 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 354 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,120 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 503 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 5,780 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,950 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 24,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.3E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL BGO 50A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 — Time: 12:40
Depth to water: 95.54 ft (29.12 m) below TOC — pH: 12.1
Water elevation: 159.86 ft (48.73 m) msl — Alkalinity: 682 mg/L
Sp. conductance: 3190 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 36 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 1,450 | | µS/cm | GE |
| 2 | Specific conductance | 1,500 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 307 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 91,900 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,460 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | 4.3 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 107 | | µg/L | GE |
| 0 | Iron | 7.3 | | µg/L | GE |
| 0 | Lead | 5.1 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 35 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 240 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 28,900 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 11,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 46,500 | | µg/L | GE |
| 0 | Sulfate | 7,090 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 359,000 | | µg/L | GE |
| 0 | Total dissolved solids | 357,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 3.9E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.4E-08 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.7E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 50C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 — Time: 9:10
Depth to water: 36.53 ft (11.13 m) below TOC — pH: 5.3
Water elevation: 218.97 ft (66.74 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 38 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,480 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,350 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 50 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 430 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 680 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 546 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,850 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,470 | | µg/L | GE |
| 0 | Sulfate | 1,780 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 21,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 19 | | µg/L | GE |
| 0 | Total phosphates (as P) | 110 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 13 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.1E-05 ± 1.3E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL BGO 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: 30.41 ft (9.27 m) below TOC
Water elevation: 225.59 ft (68.76 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 47 gal

Time: 8:35
pH: 6.2
Alkalinity: 23 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Specific conductance | 62 | JQ | µS/cm | WA |
| 0 | Specific conductance | 62 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Barium | 12 | J3 | µg/L | WA |
| 0 | Barium | 11 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <25 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <25 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <25 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <50 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.92 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 9,220 | | µg/L | GE |
| 0 | Calcium | 9,220 | | µg/L | WA |
| 0 | Calcium | 9,140 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | | µg/L | WA |
| 0 | Chloride | 3,310 | | µg/L | GE |
| 0 | Chloride | 3,270 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <25 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <50 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <50 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <50 | | µg/L | WA |
| 0 | Chloroform | 1.4 | | µg/L | GE |
| 0 | Chloroform | <25 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <50 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <25 | | µg/L | WA |
| 1 | 1,1-Dichloroethane | 9.6 | | µg/L | GE |
| 1 | 1,1-Dichloroethane | 5.7 | J | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <25 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <25 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <25 | | µg/L | WA |
| 0 | Dichloromethane | 1.9 | J2 | µg/L | GE |
| 0 | Dichloromethane | 7.3 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <25 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <25 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <25 | | µg/L | WA |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin | <0.11 | JQ | µg/L | WA |
| 0 | Endrin | <0.22 | JQ | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <25 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | WA |
| 0 | Iron | 16 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | JQ | µg/L | WA |
| 0 | Lindane | <0.11 | JQ | µg/L | WA |
| 0 | Magnesium | 518 | | µg/L | GE |
| 0 | Magnesium | 509 | | µg/L | WA |
| 0 | Magnesium | 493 | | µg/L | WA |
| 0 | Manganese | 6.0 | | µg/L | GE |
| 0 | Manganese | 6.2 | | µg/L | WA |
| 0 | Manganese | 6.8 | | µg/L | WA |

WELL BGO 50D collected on 08/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | JQ | µg/L | WA |
| 0 | Methoxychlor | <1.1 | JQ | µg/L | WA |
| 0 | Methoxychlor | <1.1 | JQ | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 715 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,090 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 713 | | µg/L | GE |
| 0 | Potassium | 585 | | µg/L | WA |
| 0 | Potassium | 518 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,200 | | µg/L | GE |
| 0 | Silica | 6,890 | | µg/L | WA |
| 0 | Silica | 6,650 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,250 | | µg/L | GE |
| 0 | Sodium | 2,280 | | µg/L | WA |
| 0 | Sodium | 2,270 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 626 | | µg/L | WA |
| 0 | Sulfate | 622 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <25 | | µg/L | WA |
| 1 | Tetrachloroethylene | 2.5 | | µg/L | GE |
| 0 | Tetrachloroethylene | <25 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <25 | | µg/L | WA |
| 0 | Total dissolved solids | 46,000 | | µg/L | GE |
| 0 | Total dissolved solids | 20,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 984 | | µg/L | WA |
| 2 | Total organic halogens | 321 | | µg/L | GE |
| 2 | Total organic halogens | 398 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 156 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | JQ | µg/L | WA |
| 0 | Toxaphene | <2.2 | JQ | µg/L | WA |
| 0 | Toxaphene | <2.2 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | JQ | µg/L | WA |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <25 | | µg/L | WA |
| 2 | Trichloroethylene | 17 | | µg/L | GE |
| 2 | Trichloroethylene | 16 | J | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <25 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 6.6E-09 ± 2.3E-09 | | µCi/mL | TM |
| 0 | Gross alpha | 8.2E-09 ± 2.2E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.6E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 1.2E-09 ± 4.6E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.4E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Total activity | 6.7E-03 ± 6.0E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 6.0E-03 ± 1.2E-05 | | µCi/mL | GE |
| 2 | Tritium | 6.5E-03 ± 9.0E-05 | | µCi/mL | TM |
| 2 | Tritium | 7.2E-03 ± 7.5E-05 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |

## WELL BGO 50D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: 30.41 ft (9.27 m) below TOC
Water elevation: 225.59 ft (68.76 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 47 gal

Time: 8:35
pH: 6.2
Alkalinity: 23 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Specific conductance | 62 | JQ | µS/cm | WA |

# ANALYTICAL RESULTS

WELL BGO 50D collected on 08/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Barium | 12 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <13 | | µg/L | WA |
| 0 | Benzene | <13 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <13 | | µg/L | WA |
| 0 | Bromodichloromethane | <13 | | µg/L | WA |
| 0 | Bromodichloromethane | <13 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <13 | | µg/L | WA |
| 0 | Bromoform | <13 | | µg/L | WA |
| 0 | Bromoform | <13 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <25 | | µg/L | WA |
| 0 | Bromomethane | <25 | | µg/L | WA |
| 0 | Bromomethane | <25 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 1.1 | J3 | µg/L | WA |
| 0 | Calcium | 9,250 | | µg/L | GE |
| 0 | Calcium | 9,650 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <13 | | µg/L | WA |
| 0 | Carbon tetrachloride | <13 | | µg/L | WA |
| 0 | Carbon tetrachloride | <13 | | µg/L | WA |
| 0 | Chloride | 3,200 | | µg/L | GE |
| 0 | Chloride | 3,630 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <13 | | µg/L | WA |
| 0 | Chlorobenzene | <13 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <25 | | µg/L | WA |
| 0 | Chloroethane | <25 | | µg/L | WA |
| 0 | Chloroethane | <25 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <25 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <25 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <25 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <25 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <25 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <25 | | µg/L | WA |
| 0 | Chloroform | 1.3 | | µg/L | GE |
| 0 | Chloroform | <13 | | µg/L | WA |
| 0 | Chloroform | <13 | | µg/L | WA |
| 0 | Chloroform | <13 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <25 | | µg/L | WA |
| 0 | Chloromethane | <25 | | µg/L | WA |
| 0 | Chloromethane | <25 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <13 | | µg/L | WA |
| 0 | Dibromochloromethane | <13 | | µg/L | WA |
| 0 | Dibromochloromethane | <13 | | µg/L | WA |
| 1 | 1,1-Dichloroethane | 8.4 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | 4.9 | J | µg/L | WA |
| 1 | 1,1-Dichloroethane | 6.8 | J | µg/L | WA |
| 0 | 1,1-Dichloroethane | 4.0 | J | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <13 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <13 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <13 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <13 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <13 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <13 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <13 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <13 | | µg/L | WA |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | Dichloromethane | <13 | | µg/L | WA |
| 0 | Dichloromethane | <13 | | µg/L | WA |
| 0 | Dichloromethane | 2.7 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.3 | JQ | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <13 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <13 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <13 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <13 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <13 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <13 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <13 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <13 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <13 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | JQ | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <13 | | µg/L | WA |
| 0 | Ethylbenzene | <13 | | µg/L | WA |
| 0 | Ethylbenzene | <13 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |

WELL BGO 50D collected on 08/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | JQ | µg/L | WA |
| 0 | Magnesium | 518 | | µg/L | GE |
| 0 | Magnesium | 528 | | µg/L | WA |
| 0 | Manganese | 6.0 | | µg/L | GE |
| 0 | Manganese | 6.6 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | JQ | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 751 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,110 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 698 | | µg/L | GE |
| 0 | Potassium | 528 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,170 | | µg/L | GE |
| 0 | Silica | 6,940 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,240 | | µg/L | GE |
| 0 | Sodium | 2,400 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 557 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <13 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <13 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <13 | | µg/L | WA |
| 0 | Tetrachloroethylene | 1.1 | | µg/L | GE |
| 0 | Tetrachloroethylene | <13 | | µg/L | WA |
| 0 | Tetrachloroethylene | <13 | | µg/L | WA |
| 0 | Tetrachloroethylene | <13 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <13 | | µg/L | WA |
| 0 | Toluene | <13 | | µg/L | WA |
| 0 | Total dissolved solids | 47,000 | | µg/L | GE |
| 0 | Total dissolved solids | 19,000 | | µg/L | WA |
| 0 | Total dissolved solids | 21,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 866 | | µg/L | WA |
| 2 | Total organic halogens | 348 | | µg/L | GE |
| 2 | Total organic halogens | 418 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 115 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | JQ | µg/L | WA |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <13 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <13 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <13 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <13 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <13 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <13 | | µg/L | WA |
| 2 | Trichloroethylene | 16 | | µg/L | GE |
| 2 | Trichloroethylene | 15 | | µg/L | WA |
| 2 | Trichloroethylene | 15 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <13 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <13 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <13 | | µg/L | WA |
| 0 | Gross alpha | 2.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 5.2E-09 ± 2.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.9E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 1.4E-09 ± 4.8E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.2E-09 ± 4.6E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.3E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 1.2E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Total activity | 6.7E-03 ± 6.0E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 5.5E-03 ± 1.1E-05 | | µCi/mL | GE |
| 2 | Tritium | 6.8E-03 ± 7.2E-05 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |

## WELL BGX 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/92
Depth to water: 112.83 ft (34.39 m) below TOC
Water elevation: 178.37 ft (54.37 m) msl
Sp. conductance: 3310 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 13:10
pH: 12.1
Alkalinity: 678 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | pH | 13 | JQ | pH | GE |
| 2 | Specific conductance | 3,680 | | µS/cm | GE |
| 2 | Specific conductance | 3,700 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <500 | J1 | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | J1 | µg/L | GE |
| 0 | Acrylonitrile | <20 | J1 | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 757 | | µg/L | GE |
| 0 | Benzene | <1.0 | J1 | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <15 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | J1 | µg/L | GE |
| 0 | Bromoform | <1.0 | J1 | µg/L | GE |
| 0 | Bromomethane | <1.0 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <10 | | µg/L | GE |
| 0 | Calcium | 271,000 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | J1 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | J1 | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,590 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | J1 | µg/L | GE |
| 0 | Chloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | J1 | µg/L | GE |
| 0 | Chromium | <20 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <20 | | µg/L | GE |
| 0 | Copper | <20 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialiate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | J1 | µg/L | GE |
| 0 | Dibromomethane | <1.0 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | J1 | µg/L | GE |

WELL BGX 1A collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Dichloromethane | 8.7 | J1 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | J1 | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | 141 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | J1 | µg/L | GE |
| 0 | Iron | <20 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 16 | | µg/L | GE |
| 0 | Manganese | <10 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 160 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGX 1A collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | 8.1 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 76,200 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 2,640 | | µg/L | GE |
| 0 | Silver | <10 | | µg/L | GE |
| 0 | Sodium | 77,800 | | µg/L | GE |
| 0 | Styrene | <1.0 | J1 | µg/L | GE |
| 0 | Sulfate | 13,400 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 1 | Tin | 10 | V | µg/L | GE |
| 0 | Toluene | <1.0 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 900,000 | V | µg/L | GE |
| 0 | Total organic carbon | 3,330 | | µg/L | GE |
| 0 | Total organic carbon | 3,340 | | µg/L | GE |
| 0 | Total organic carbon | 3,520 | | µg/L | GE |
| 0 | Total organic carbon | 4,260 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 140 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <40 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | J1 | µg/L | GE |
| 0 | Xylenes | <2.0 | J1 | µg/L | GE |
| 0 | Zinc | <10 | | µg/L | GE |
| 0 | Gross alpha | 7.3E-09 ± 1.9E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 5.0E-08 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Total activity | 2.6E-04 ± 3.8E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.7E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL BGX 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/92 Time: 12:45
Depth to water: 75.36 ft (22.97 m) below TOC pH: 11.4
Water elevation: 215.94 ft (65.82 m) msl Alkalinity: 171 mg/L
Sp. conductance: 510 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 780 | | µS/cm | GE |
| 2 | Specific conductance | 800 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 141 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 69,600 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,300 | | µg/L | GE |
| 0 | Chloride | 1,280 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialiate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |

WELL BGX 1C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 5.4 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | 103 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 75 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 830 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |

WELL BGX 1C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| | PCB 1254 | <0.50 | | µg/L | GE |
| | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 5,500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 11,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,150 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 167,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 510 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 2.3 | | µg/L | GE |
| 0 | Gross alpha | 3.8E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.7E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total activity | 5.7E-04 ± 5.6E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 5.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 5.2E-04 ± 3.4E-06 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL BGX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/92
Depth to water: 62.09 ft (18.93 m) below TOC
Water elevation: 229.21 ft (69.86 m) msl
Sp. conductance: 62 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 12:15
pH: 5.5
Alkalinity: 14 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | Specific conductance | 62 | | µS/cm | GE |
| 0 | Specific conductance | 65 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | J1 | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | J1 | µg/L | GE |
| 0 | Acrylonitrile | <20 | J1 | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Benzene | <1.0 | J1 | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | J1 | µg/L | GE |
| 0 | Bromoform | <1.0 | J1 | µg/L | GE |
| 0 | Bromomethane | <1.0 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,610 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | J1 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | J1 | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 3,160 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | J1 | µg/L | GE |
| 0 | Chloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | J1 | µg/L | GE |
| 0 | Dibromomethane | <1.0 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | J1 | µg/L | GE |

WELL BGX 1D collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dichlorodifluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Dichloromethane | 5.7 | J1 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | J1 | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | J1 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 851 | | µg/L | GE |
| 2 | Manganese | 98 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | 4.8 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,340 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |

WELL BGX 1D collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | 1,130 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,830 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,570 | | µg/L | GE |
| 0 | Styrene | <1.0 | J1 | µg/L | GE |
| 0 | Sulfate | 1,960 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Toluene | <1.0 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 41,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 330 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | J1 | µg/L | GE |
| 0 | Xylenes | <2.0 | J1 | µg/L | GE |
| 0 | Zinc | 31 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-08 | | µCi/mL | GE |
| 0 | Total activity | 3.7E-04 ± 4.6E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.2E-04 ± 3.0E-06 | | µCi/mL | GE |

## WELL BGX 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/92 Time: 13:35
Depth to water: 78.57 ft (24.25 m) below TOC pH: 8.2
Water elevation: 211.73 ft (64.54 m) msl Alkalinity: 77 mg/L
Sp. conductance: 212 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 48 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.9 | JQ | pH | GE |
| 0 | pH | 7.9 | JQ | pH | GE |
| 0 | pH | 7.9 | JQ | pH | GE |
| 0 | pH | 8.0 | JQ | pH | GE |
| 0 | pH | 7.9 | JQ | pH | GE |
| 0 | Specific conductance | 205 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 71 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 16,000 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,080 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | 4.3 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGX 2B collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 471 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |

WELL BGX 2B collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 540 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | 12,300 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 20,500 | V | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13,200 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 3,340 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 146,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,060 | | µg/L | GE |
| 0 | Total organic carbon | 1,230 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 290 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 2.8 | | µg/L | GE |

WELL BGX 2B collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.5E-08 ± 4.0E-07 | | µCi/mL | GE |

## WELL BGX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/92
Depth to water: 75.95 ft (23.15 m) below TOC
Water elevation: 215.15 ft (65.58 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.
Time: 14:00
pH: 5.4
Alkalinity: 4 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.1 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,700 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,930 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |

WELL BGX 2D collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialiate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 436 | | µg/L | GE |
| 0 | Manganese | 18 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGX 2D collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,330 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | 703 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,790 | V | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,860 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 27,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 11 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 13 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.3E-08 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.9E-05 ± 1.4E-06 | | µCi/mL | GE |

## WELL BGX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92
Depth to water: 76.28 ft (23.25 m) below TOC
Water elevation: 214.92 ft (65.51 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 35 gal

Time: 7:10
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | JQ6 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ6 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | JQ6 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | JQ6 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | JQ6 | µg/L | GE |
| 0 | Aniline | <10 | JQ6 | µg/L | GE |
| 0 | Anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | JQ6 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | JQ6 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,390 | | µg/L | GE |
| 0 | Calcium | 1,400 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,010 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | JQ6 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | JQ6 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ6 | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ6 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | JQ6 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Dibenzofuran | <10 | JQ6 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ6 | µg/L | GE |

WELL BGX 3D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ6 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Dimethoate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ6 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | JQ6 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | JQ6 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | JQ6 | µg/L | GE |
| 0 | Diphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | Disulfoton | <10 | JQ6 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | JQ6 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | JQ6 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | JQ6 | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Fluorene | <10 | JQ6 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachloropropene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | 4.3 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | JQ6 | µg/L | GE |
| 0 | Isophorone | <10 | JQ6 | µg/L | GE |
| 0 | Isosafrole | <10 | JQ6 | µg/L | GE |
| 0 | Kepone | <10 | JQ6 | µg/L | GE |
| 0 | Lead | 4.1 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 744 | | µg/L | GE |
| 0 | Magnesium | 747 | | µg/L | GE |
| 1 | Manganese | 35 | | µg/L | GE |
| 1 | Manganese | 35 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | JQ6 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | JQ6 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | JQ6 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | JQ6 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | JQ6 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | JQ6 | µg/L | GE |
| 0 | Nickel | 4.9 | | µg/L | GE |
| 0 | Nickel | 4.9 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,120 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ6 | µg/L | GE |

WELL BGX 3D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | JQ6 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | JQ6 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | JQ6 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenacetin | <10 | JQ6 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ6 | µg/L | GE |
| 0 | Phenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | JQ6 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | JQ6 | µg/L | GE |
| 0 | Potassium | 812 | | µg/L | GE |
| 0 | Potassium | 566 | | µg/L | GE |
| 0 | Pronamid | <10 | JQ6 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Pyridine | <10 | JQ6 | µg/L | GE |
| 0 | Safrole | <10 | JQ6 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,570 | | µg/L | GE |
| 0 | Silica | 8,590 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,110 | | µg/L | GE |
| 0 | Sodium | 2,110 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | JQ6 | µg/L | GE |
| 0 | Tin | 2.6 | V | µg/L | GE |
| 0 | Tin | 4.0 | V | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | JQ6 | µg/L | GE |
| 0 | Total dissolved solids | 25,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 4.9 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4,5-T | <0.060 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 66 | | µg/L | GE |
| 0 | Zinc | 67 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |

WELL BGX 3D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total activity | 1.2E-03 ± 8.0E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-03 ± 5.2E-06 | | µCi/mL | GE |

## WELL BGX 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92 Time: 15:50
Depth to water: 136.15 ft (41.50 m) below TOC pH: 7.3
Water elevation: 154.75 ft (47.17 m) msl Alkalinity: 150 mg/L
Sp. conductance: 272 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 126 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.7 | JQ | pH | GE |
| 0 | pH | 7.8 | JQ | pH | GE |
| 0 | pH | 7.8 | JQ | pH | GE |
| 1 | Specific conductance | 250 | | µS/cm | GE |
| 1 | Specific conductance | 255 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | 2.3 | | µg/L | GE |
| 0 | Barium | 34 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 52,300 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,840 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |

WELL BGX 4A collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J2 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 8.3 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,380 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |

WELL BGX 4A collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | 1,760 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 36,700 | V | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,620 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 8,880 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 191,000 | JQV6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 7.6 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | JQ6 | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.5E-09 ± 7.7E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.2E-09 ± 8.2E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL BGX 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92 Time: 16:15
Depth to water: 76.12 ft (23.20 m) below TOC pH: 8.4
Water elevation: 214.68 ft (65.44 m) msl Alkalinity: 35 mg/L
Sp. conductance: 95 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 115 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | Specific conductance | 90 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13,100 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,380 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGX 4C collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J2 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 788 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 980 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |

WELL BGX 4C collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,930 | V | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,240 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 62,000 | JQV6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | JQ6 | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.2 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 7.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL BGX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92 — Time: 15:25
Depth to water: 75.01 ft (22.86 m) below TOC — pH: 5.2
Water elevation: 215.89 ft (65.80 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,380 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,520 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |

WELL BGX 4D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J2 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 25 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 498 | | µg/L | GE |
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,580 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |

WELL BGX 4D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,460 | V | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,450 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 11,000 | JQV6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | JQ6 | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.6E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL BGX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92 Time: 16:45
Depth to water: 75.55 ft (23.03 m) below TOC pH: 5.1
Water elevation: 209.45 ft (63.84 m) msl Alkalinity: 3 mg/L
Sp. conductance: 59 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 24 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,420 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,940 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | 16 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |

WELL BGX 5D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J2 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 4.7 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,000 | | µg/L | GE |
| 2 | Manganese | 484 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | 6.5 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 780 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |

WELL BGX 5D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 1,260 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,390 | V | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,570 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 9,420 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | JQV6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | JQ6 | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 1 | Trichlorofluoromethane | 8.6 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 21 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.6E-09 ± 5.8E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 3.4E-05 ± 9.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL BGX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92
Depth to water: 70.82 ft (21.59 m) below TOC
Water elevation: 206.18 ft (62.84 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 40 gal

Time: 7:40
pH: 6.0
Alkalinity: 16 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | Specific conductance | 72 | | µS/cm | GE |
| 0 | Specific conductance | 69 | JQ | µS/cm | WA |
| 0 | Specific conductance | 69 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <10 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <10 | | µg/L | WA |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.055 | | µg/L | WA |
| 0 | Aldrin | <0.11 | | µg/L | WA |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Barium | 18 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.055 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.055 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.055 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 8.6 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 5.3 | JV | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 1 | Cadmium | 2.9 | | µg/L | WA |
| 0 | Calcium | 8,150 | | µg/L | GE |
| 0 | Calcium | 9,060 | | µg/L | WA |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.55 | | µg/L | WA |
| 0 | Chlordane | <1.1 | | µg/L | WA |
| 0 | Chlordane | <1.1 | | µg/L | WA |
| 0 | Chloride | 2,750 | | µg/L | GE |
| 0 | Chloride | 2,940 | | µg/L | WA |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 3.0 | J3 | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 1.8 | J3 | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.11 | | µg/L | WA |
| 0 | p,p'-DDD | <0.22 | | µg/L | WA |
| 0 | p,p'-DDD | <0.22 | | µg/L | WA |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.11 | | µg/L | WA |
| 0 | p,p'-DDE | <0.22 | | µg/L | WA |
| 0 | p,p'-DDE | <0.22 | | µg/L | WA |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.11 | | µg/L | WA |
| 0 | p,p'-DDT | <0.22 | | µg/L | WA |
| 0 | Dialiate | <10 | | µg/L | GE |
| 0 | Dialiate | <11 | | µg/L | WA |
| 0 | Dialiate | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | 7.7 | JV | µg/L | WA |
| 0 | Di-n-butyl phthalate | 10.0 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.11 | | µg/L | WA |
| 0 | Dieldrin | <0.22 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | Diphenylamine | <10 | | µg/L | GE |

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.055 | | µg/L | WA |
| 0 | Endosulfan I | <0.11 | | µg/L | WA |
| 0 | Endosulfan I | <0.11 | | µg/L | WA |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.11 | | µg/L | WA |
| 0 | Endosulfan II | <0.22 | | µg/L | WA |
| 0 | Endosulfan II | <0.22 | | µg/L | WA |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.11 | | µg/L | WA |
| 0 | Endosulfan sulfate | <0.22 | | µg/L | WA |
| 0 | Endosulfan sulfate | <0.22 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.22 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.22 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.22 | | µg/L | WA |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluoride | 118 | | µg/L | GE |
| 0 | Fluoride | 150 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.055 | | µg/L | WA |
| 0 | Heptachlor | <0.11 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.055 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.11 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.11 | | µg/L | WA |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00010 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00010 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | 2-Hexanone | <1.0 | J2 | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <10 | | µg/L | WA |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Iron | 22 | | µg/L | WA |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <0.11 | | µg/L | WA |
| 0 | Isodrin | <0.22 | | µg/L | WA |
| 0 | Isodrin | <0.22 | | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | <0.11 | | µg/L | WA |
| 0 | Kepone | <0.22 | | µg/L | WA |
| 0 | Kepone | <0.22 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 2.2 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |
| 0 | Magnesium | 481 | | µg/L | GE |
| 0 | Magnesium | 542 | | µg/L | WA |
| 1 | Manganese | 46 | | µg/L | GE |
| 1 | Manganese | 47 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <20 | | µg/L | WA |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methapyrilene | <11 | | µg/L | WA |
| 0 | Methapyrilene | <11 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl isobutyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | Nickel | 7.0 | | µg/L | GE |
| 0 | Nickel | 6.0 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 942 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 930 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.55 | | µg/L | WA |
| 0 | PCB 1016 | <1.1 | | µg/L | WA |
| 0 | PCB 1016 | <1.1 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.55 | | µg/L | WA |
| 0 | PCB 1221 | <1.1 | | µg/L | WA |
| 0 | PCB 1221 | <1.1 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.55 | | µg/L | WA |
| 0 | PCB 1232 | <1.1 | | µg/L | WA |
| 0 | PCB 1232 | <1.1 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.55 | | µg/L | WA |
| 0 | PCB 1242 | <1.1 | | µg/L | WA |
| 0 | PCB 1242 | <1.1 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.55 | | µg/L | WA |
| 0 | PCB 1248 | <1.1 | | µg/L | WA |
| 0 | PCB 1248 | <1.1 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1254 | <2.2 | | µg/L | WA |
| 0 | PCB 1254 | <2.2 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <2.2 | | µg/L | WA |
| 0 | PCB 1260 | <2.2 | | µg/L | WA |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00030 | | µg/L | WA |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00040 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | Potassium | 759 | | µg/L | GE |
| 0 | Potassium | 788 | | µg/L | WA |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,680 | V | µg/L | GE |
| 0 | Silica | 9,670 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 3,360 | | µg/L | GE |
| 0 | Sodium | 3,210 | | µg/L | WA |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Sulfate | 2,380 | | µg/L | GE |
| 0 | Sulfate | 2,750 | | µg/L | WA |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00010 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00030 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00020 | J | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | Total dissolved solids | 49,000 | JQV6 | µg/L | GE |
| 0 | Total dissolved solids | 35,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total organic halogens | 5.8 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 570 | JQ6 | µg/L | GE |
| 0 | Total phosphates (as P) | 631 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | 2.5 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.0 | J | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 2.0 | J3 | µg/L | WA |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 25 | | µg/L | GE |
| 0 | Zinc | 42 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <6.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.8E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 6.1E-10 ± 3.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <3.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.8E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 2.9E-06 ± 6.9E-07 | | µCi/mL | TM |

## WELL BGX 6D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92
Depth to water: 70.82 ft (21.58 m) below TOC
Water elevation: 206.18 ft (62.84 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 40 gal

Time: 7:40
pH: 6.0
Alkalinity: 16 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | WA |
| 0 | Specific conductance | 65 | | µS/cm | GE |
| 0 | Specific conductance | 70 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <10 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <10 | | µg/L | WA |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.055 | | µg/L | WA |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Barium | 15 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.055 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.055 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.055 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 7.3 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 8.0 | JV | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 8,220 | | µg/L | GE |
| 0 | Calcium | 9,010 | | µg/L | WA |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.55 | | µg/L | WA |
| 0 | Chloride | 2,800 | | µg/L | GE |
| 0 | Chloride | 3,000 | | µg/L | WA |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.11 | | µg/L | WA |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.11 | | µg/L | WA |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.11 | | µg/L | WA |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Diallate | <11 | | µg/L | WA |
| 0 | Diallate | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | WA |

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | 14 | V | µg/L | WA |
| 0 | Di-n-butyl phthalate | 12 | V | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.2 | | µg/L | GE |
| 0 | Dichloromethane | 3.4 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.11 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Diethyl phthalate | 1.4 | J | µg/L | WA |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.055 | | µg/L | WA |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.11 | | µg/L | WA |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.11 | | µg/L | WA |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluoride | 136 | | µg/L | GE |
| 0 | Fluoride | 138 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.055 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.055 | | µg/L | WA |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | 0.0011 | J | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00010 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | 2-Hexanone | <1.0 | J2 | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <10 | | µg/L | WA |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Iron | 25 | | µg/L | WA |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <0.11 | | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | <0.11 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 486 | | µg/L | GE |
| 0 | Magnesium | 508 | | µg/L | WA |
| 1 | Manganese | 47 | | µg/L | GE |
| 1 | Manganese | 43 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <20 | | µg/L | WA |
| 0 | Methapyriene | <10 | | µg/L | GE |
| 0 | Methapyriene | <11 | | µg/L | WA |
| 0 | Methapyriene | <11 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl isobutyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | Nickel | 5.1 | | µg/L | GE |
| 0 | Nickel | 3.9 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 908 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 860 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.55 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.55 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.55 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.55 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.55 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00020 | | µg/L | WA |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | 0.00030 | J | µg/L | WA |

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | Potassium | 787 | | µg/L | GE |
| 0 | Potassium | 517 | | µg/L | WA |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,820 | V | µg/L | GE |
| 0 | Silica | 8,930 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 3,410 | | µg/L | GE |
| 0 | Sodium | 3,280 | | µg/L | WA |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Sulfate | 2,320 | | µg/L | GE |
| 0 | Sulfate | 2,600 | | µg/L | WA |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00010 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00020 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | 0.00010 | J | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | Total dissolved solids | 54,000 | JQV6 | µg/L | GE |
| 0 | Total dissolved solids | 51,000 | JQV6 | µg/L | GE |
| 0 | Total dissolved solids | 6,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 480 | JQ6 | µg/L | GE |
| 0 | Total phosphates (as P) | 319 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |

WELL BGX 6D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | 2.2 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.1 | J | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 25 | | µg/L | GE |
| 0 | Zinc | 29 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <6.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <7.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 3.5E-10 ± 2.3E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <6.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.8E-08 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 2.8E-08 ± 6.6E-07 | | µCi/mL | TM |

## WELL BGX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/92 Time: 15:40
Inaccessibility or mechanical problem prevented sample collection.

## WELL BGX 8DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92 Time: 9:25
Depth to water: 72.48 ft (22.09 m) below TOC pH: 5.2
Water elevation: 205.72 ft (62.70 m) msl Alkalinity: 2 mg/L
Sp. conductance: 37 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | pH | 6.7 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |

WELL BGX 8DR collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,880 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,550 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 6.1 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |

WELL BGX 8DR collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 27 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 610 | | µg/L | GE |
| 1 | Manganese | 30 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,540 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGX 8DR collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,920 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,140 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | 4.4 | V | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 21,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.9 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 7.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.1E-03 ± 7.5E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.0E-03 ± 4.8E-06 | | µCi/mL | GE |

## WELL BGX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92
Depth to water: 52.70 ft (16.06 m) below TOC
Water elevation: 226.70 ft (69.10 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 38 gal

Time: 17:25
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 23.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |

WELL BGX 9D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.9 | | µg/L | GE |
| 0 | Barium | 4.9 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 826 | | µg/L | GE |
| 0 | Calcium | 828 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,850 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |

WELL BGX 9D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J2 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 6.4 | | µg/L | GE |
| 0 | Iron | 6.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 420 | | µg/L | GE |
| 0 | Magnesium | 423 | | µg/L | GE |
| 0 | Manganese | 8.4 | | µg/L | GE |
| 0 | Manganese | 8.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |

WELL BGX 9D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 1,200 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,050 | V | µg/L | GE |
| 0 | Silica | 6,070 | V | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,950 | | µg/L | GE |
| 0 | Sodium | 1,950 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 23,000 | JQV6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |

WELL BGX 9D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | JQ6 | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 3.5 | | µg/L | GE |
| 0 | Zinc | 3.6 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.4E-09 ± 4.7E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 6.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 3.0E-07 | | µCi/mL | GE |

## WELL BGX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/92
Depth to water: 51.12 ft (15.58 m) below TOC
Water elevation: 225.76 ft (68.82 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.

Time: 14:25
pH: 5.8
Alkalinity: 6 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,150 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,660 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |

WELL BGX 10D collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 6.8 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 551 | | µg/L | GE |
| 2 | Manganese | 59 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |

WELL BGX 10D collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | 11 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,630 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,110 | V | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,280 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 18,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 580 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

WELL BGX 10D collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 69 | | µg/L | GE |
| 0 | Gross alpha | 2.5E-09 ± 6.6E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 5.8E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 5.0E-07 | | µCi/mL | GE |

## WELL BGX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92
Depth to water: 40.43 ft (12.32 m) below TOC
Water elevation: 235.87 ft (71.89 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.
Time: 8:45
pH: 5.7
Alkalinity: 15 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Specific conductance | 52 | | µS/cm | GE |
| 0 | Specific conductance | 58 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | J1 | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | J1 | µg/L | GE |
| 0 | Acrylonitrile | <20 | J1 | µg/L | GE |
| 0 | Aldrin | <0.050 | JQ6 | µg/L | GE |
| 0 | Allyl chloride | <50 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 22 | | µg/L | GE |
| 0 | Benzene | <1.0 | J1 | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | J1 | µg/L | GE |
| 0 | Bromoform | <1.0 | J1 | µg/L | GE |
| 0 | Bromomethane | <1.0 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 6,740 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | J1 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | J1 | µg/L | GE |
| 0 | Chlordane | <0.50 | JQ6 | µg/L | GE |
| 0 | Chloride | 3,340 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | J1 | µg/L | GE |
| 0 | Chloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGX 11D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | JQ6 | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | JQ6 | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | JQ6 | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | J1 | µg/L | GE |
| 0 | Dibromomethane | <1.0 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Dichloromethane | 5.8 | J1 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | J1 | µg/L | GE |
| 0 | Dieldrin | <0.50 | JQ6 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | JQ6 | µg/L | GE |
| 0 | Endosulfan II | <0.10 | JQ6 | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | JQ6 | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ6 | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | JQ6 | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | J1 | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | JQ6 | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | JQ6 | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | J1 | µg/L | GE |
| 2 | Iron | 683 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ6 | µg/L | GE |
| 0 | Magnesium | 710 | | µg/L | GE |
| 0 | Manganese | 20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ6 | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |

WELL BGX 11D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,380 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | JQ6 | µg/L | GE |
| 0 | Parathion methyl | <0.050 | JQ6 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1221 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1232 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1242 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1248 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1254 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1260 | <0.50 | JQ6 | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | JQ6 | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | 634 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,230 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,500 | | µg/L | GE |
| 0 | Styrene | <1.0 | J1 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | 3.1 | V | µg/L | GE |
| 0 | Toluene | <1.0 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 41,000 | V | µg/L | GE |
| 0 | Total organic carbon | 3,610 | | µg/L | GE |
| 0 | Total organic carbon | 1,890 | | µg/L | GE |
| 0 | Total organic carbon | 3,360 | | µg/L | GE |
| 0 | Total organic carbon | 3,490 | | µg/L | GE |
| 0 | Total organic carbon | 3,700 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ6 | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 1.0 | J1 | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | J1 | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | J1 | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | J1 | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |

WELL BGX 11D collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Vinyl acetate | <1.0 | J1 | µg/L | GE |
| 0 | Xylenes | <2.0 | J1 | µg/L | GE |
| 0 | Zinc | 57 | | µg/L | GE |
| 1 | Gross alpha | 8.1E-09 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.0E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.9E-05 ± 2.1E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.9E-05 ± 8.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.8E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL BGX 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/92
Depth to water: 40.30 ft (12.28 m) below TOC
Water elevation: 234.80 ft (71.57 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 159 gal
Time: 7:40
pH: 5.5
Alkalinity: 8 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Specific conductance | 26 | JQ | µS/cm | WA |
| 0 | Specific conductance | 26 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <10 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | WA |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <10 | | µg/L | WA |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.053 | JQ | µg/L | WA |
| 0 | Aldrin | <0.11 | JQ | µg/L | WA |
| 0 | Aldrin | <0.053 | JQ | µg/L | WA |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | WA |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <20 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.5 | | µg/L | GE |
| 0 | Barium | 4.5 | | µg/L | GE |
| 0 | Barium | 4.8 | J3 | µg/L | WA |
| 0 | Barium | <4.0 | B | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.053 | JQ | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.11 | JQ | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.11 | JQ | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.053 | JQ | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.053 | JQ | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.11 | JQ | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.11 | JQ | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.053 | JQ | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.053 | JQ | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.11 | JQ | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.11 | JQ | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.053 | JQ | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <50 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 2 | Cadmium | 20 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 713 | | µg/L | GE |
| 0 | Calcium | 712 | | µg/L | GE |
| 0 | Calcium | 699 | | µg/L | WA |
| 0 | Calcium | 741 | | µg/L | WA |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.53 | JQ | µg/L | WA |
| 0 | Chlordane | <1.1 | JQ | µg/L | WA |
| 0 | Chlordane | <1.1 | JQ | µg/L | WA |
| 0 | Chlordane | <0.53 | JQ | µg/L | WA |
| 0 | Chloride | 2,210 | | µg/L | GE |
| 0 | Chloride | 2,520 | | µg/L | WA |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.4 | J3 | µg/L | WA |
| 0 | Chromium | 2.6 | J3 | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.11 | JQ | µg/L | WA |
| 0 | p,p'-DDD | <0.22 | JQ | µg/L | WA |
| 0 | p,p'-DDD | <0.22 | JQ | µg/L | WA |
| 0 | p,p'-DDD | <0.11 | JQ | µg/L | WA |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | p,p'-DDE | <0.11 | JQ | µg/L | WA |
| 0 | p,p'-DDE | <0.22 | JQ | µg/L | WA |
| 0 | p,p'-DDE | <0.22 | JQ | µg/L | WA |
| 0 | p,p'-DDE | <0.11 | JQ | µg/L | WA |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.11 | JQ | µg/L | WA |
| 0 | p,p'-DDT | <0.22 | JQ | µg/L | WA |
| 0 | p,p'-DDT | <0.11 | JQ | µg/L | WA |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.11 | JQ | µg/L | WA |
| 0 | Dieldrin | <0.22 | JQ | µg/L | WA |
| 0 | Dieldrin | <0.11 | JQ | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | 4-Dimethylaminoazobenzene | <10 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | WA |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | WA |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.053 | JQ | µg/L | WA |
| 0 | Endosulfan I | <0.11 | JQ | µg/L | WA |
| 0 | Endosulfan I | <0.11 | JQ | µg/L | WA |
| 0 | Endosulfan I | <0.053 | JQ | µg/L | WA |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endosulfan II | <0.11 | JQ | µg/L | WA |
| 0 | Endosulfan II | <0.22 | JQ | µg/L | WA |
| 0 | Endosulfan II | <0.22 | JQ | µg/L | WA |
| 0 | Endosulfan II | <0.11 | JQ | µg/L | WA |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.11 | JQ | µg/L | WA |
| 0 | Endosulfan sulfate | <0.22 | JQ | µg/L | WA |
| 0 | Endosulfan sulfate | <0.22 | JQ | µg/L | WA |
| 0 | Endosulfan sulfate | <0.11 | JQ | µg/L | WA |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin | <0.11 | JQ | µg/L | WA |
| 0 | Endrin | <0.22 | JQ | µg/L | WA |
| 0 | Endrin | <0.11 | JQ | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.11 | JQ | µg/L | WA |
| 0 | Endrin aldehyde | <0.22 | JQ | µg/L | WA |
| 0 | Endrin aldehyde | <0.22 | JQ | µg/L | WA |
| 0 | Endrin aldehyde | <0.11 | JQ | µg/L | WA |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.053 | JQ | µg/L | WA |
| 0 | Heptachlor | <0.11 | JQ | µg/L | WA |
| 0 | Heptachlor | <0.053 | JQ | µg/L | WA |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.053 | JQ | µg/L | WA |
| 0 | Heptachlor epoxide | <0.11 | JQ | µg/L | WA |
| 0 | Heptachlor epoxide | <0.11 | JQ | µg/L | WA |
| 0 | Heptachlor epoxide | <0.053 | JQ | µg/L | WA |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00060 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00020 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <80 | | µg/L | WA |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | WA |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <10 | | µg/L | WA |
| 0 | Iron | 11 | | µg/L | GF |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | WA |
| 0 | Iron | 18 | | µg/L | WA |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <0.11 | JQ | µg/L | WA |
| 0 | Isodrin | <0.22 | JQ | µg/L | WA |
| 0 | Isodrin | <0.22 | JQ | µg/L | WA |
| 0 | Isodrin | <0.11 | JQ | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | WA |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | 1.4 | JQV | µg/L | WA |
| 0 | Kepone | 0.28 | JQV | µg/L | WA |
| 0 | Kepone | 0.19 | JQV | µg/L | WA |
| 0 | Kepone | <0.11 | JQ | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 2.7 | J3 | µg/L | WA |
| 0 | Lead | 2.6 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.053 | JQ | µg/L | WA |
| 0 | Lindane | <0.11 | JQ | µg/L | WA |
| 0 | Lindane | <0.053 | JQ | µg/L | WA |
| 0 | Magnesium | 307 | | µg/L | GE |
| 0 | Magnesium | 305 | | µg/L | GE |
| 0 | Magnesium | 288 | | µg/L | WA |
| 0 | Magnesium | 308 | | µg/L | WA |
| 0 | Manganese | 22 | | µg/L | GE |

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Manganese | 21 | | µg/L | WA |
| 0 | Manganese | 22 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <20 | | µg/L | WA |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.53 | JQ | µg/L | WA |
| 0 | Methoxychlor | <1.1 | JQ | µg/L | WA |
| 0 | Methoxychlor | <1.1 | JQ | µg/L | WA |
| 0 | Methoxychlor | <0.53 | JQ | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | WA |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | WA |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 136 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 180 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <50 | | µg/L | WA |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <50 | | µg/L | WA |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <50 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <20 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <50 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | WA |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.53 | JQ | µg/L | WA |
| 0 | PCB 1016 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1016 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1016 | <0.53 | JQ | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.53 | JQ | µg/L | WA |
| 0 | PCB 1221 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1221 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1221 | <0.53 | JQ | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.53 | JQ | µg/L | WA |
| 0 | PCB 1232 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1232 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1232 | <0.53 | JQ | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.53 | JQ | µg/L | WA |
| 0 | PCB 1242 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1242 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1242 | <0.53 | JQ | µg/L | WA |

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.53 | JQ | µg/L | WA |
| 0 | PCB 1248 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1248 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1248 | <0.53 | JQ | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1254 | <2.2 | JQ | µg/L | WA |
| 0 | PCB 1254 | <2.2 | JQ | µg/L | WA |
| 0 | PCB 1254 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1260 | <2.2 | JQ | µg/L | WA |
| 0 | PCB 1260 | <2.2 | JQ | µg/L | WA |
| 0 | PCB 1260 | <1.1 | JQ | µg/L | WA |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00080 | | µg/L | WA |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00060 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <50 | | µg/L | WA |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 655 | | µg/L | WA |
| 0 | Potassium | 498 | | µg/L | WA |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | WA |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | WA |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 12,100 | V | µg/L | GE |
| 0 | Silica | 12,100 | V | µg/L | GE |
| 0 | Silica | 10,800 | | µg/L | WA |
| 0 | Silica | 11,400 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 3,950 | | µg/L | GE |
| 0 | Sodium | 3,940 | | µg/L | GE |
| 0 | Sodium | 3,940 | | µg/L | WA |
| 0 | Sodium | 4,020 | | µg/L | WA |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Sulfate | 1,620 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | WA |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00040 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00070 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00060 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Tin | 6.2 | J3 | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | WA |
| 0 | Total dissolved solids | 32,000 | | µg/L | GE |
| 0 | Total dissolved solids | 79,000 | | µg/L | WA |
| 0 | Total dissolved solids | 80,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 78 | | µg/L | WA |
| 0 | Total phosphates (as P) | 87 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | JQ | µg/L | WA |
| 0 | Toxaphene | <2.2 | JQ | µg/L | WA |
| 0 | Toxaphene | <2.2 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.1 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <50 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.55 | | µg/L | WA |
| 0 | 2,4,5-T | <1.1 | | µg/L | WA |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.86 | | µg/L | WA |
| 0 | Vanadium | 1.3 | J3 | µg/L | WA |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 8.3 | | µg/L | GE |
| 0 | Zinc | 8.5 | | µg/L | GE |
| 0 | Zinc | 9.7 | | µg/L | WA |
| 0 | Zinc | 18 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <9.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | <9.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.5E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <1.3E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 3.5E-09 ± 9.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 7.0E-10 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.5E-07 | | µCi/mL | TM |
| 0 | Tritium | <5.3E-07 | | µCi/mL | TM |

## WELL BGX 12C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/92
Depth to water: 40.30 ft (12.28 m) below TOC
Water elevation: 234.80 ft (71.57 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 159 gal
Time: 7:40
pH: 5.5
Alkalinity: 8 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | pH | 5.8 | JQ | pH | WA |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Specific conductance | 28 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | WA |

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | 4.3 | J | µg/L | WA |
| 0 | Acetone | <10 | | µg/L | WA |
| 0 | Acetone | 6.8 | J | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | WA |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <10 | | µg/L | WA |
| 0 | Acrolein | <10 | | µg/L | WA |
| 0 | Acrolein | <10 | | µg/L | WA |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.056 | JQ | µg/L | WA |
| 0 | Aldrin | <0.056 | JQ | µg/L | WA |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | WA |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <20 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.9 | | µg/L | GE |
| 0 | Barium | 5.3 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.056 | JQ | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.056 | JQ | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.063 | JQ | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.056 | JQ | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.056 | JQ | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.063 | JQ | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.056 | JQ | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.056 | JQ | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.063 | JQ | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <50 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 706 | | µg/L | GE |
| 0 | Calcium | 738 | | µg/L | WA |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.56 | JQ | µg/L | WA |
| 0 | Chlordane | <0.56 | JQ | µg/L | WA |
| 0 | Chlordane | <0.63 | JQ | µg/L | WA |
| 0 | Chloride | 2,240 | | µg/L | GE |
| 0 | Chloride | 2,510 | | µg/L | WA |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.5 | J3 | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.11 | JQ | µg/L | WA |
| 0 | p,p'-DDD | <0.11 | JQ | µg/L | WA |
| 0 | p,p'-DDD | <0.13 | JQ | µg/L | WA |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.11 | JQ | µg/L | WA |
| 0 | p,p'-DDE | <0.11 | JQ | µg/L | WA |
| 0 | p,p'-DDE | <0.13 | JQ | µg/L | WA |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.11 | JQ | µg/L | WA |
| 0 | p,p'-DDT | <0.11 | JQ | µg/L | WA |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | WA |
| 0 | Dibromomethane | <10 | | µg/L | WA |
| 0 | Dibromomethane | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | WA |

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.11 | JQ | µg/L | WA |
| 0 | Dieldrin | <0.11 | JQ | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | 4-Dimethylaminoazobenzene | <10 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | WA |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | WA |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.056 | JQ | µg/L | WA |
| 0 | Endosulfan I | <0.056 | JQ | µg/L | WA |
| 0 | Endosulfan I | <0.063 | JQ | µg/L | WA |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.11 | JQ | µg/L | WA |
| 0 | Endosulfan II | <0.11 | JQ | µg/L | WA |
| 0 | Endosulfan II | <0.13 | JQ | µg/L | WA |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.11 | JQ | µg/L | WA |
| 0 | Endosulfan sulfate | <0.11 | JQ | µg/L | WA |
| 0 | Endosulfan sulfate | <0.13 | JQ | µg/L | WA |

# ANALYTICAL RESULTS

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | JQ | µg/L | WA |
| 0 | Endrin | <0.11 | JQ | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.11 | JQ | µg/L | WA |
| 0 | Endrin aldehyde | <0.11 | JQ | µg/L | WA |
| 0 | Endrin aldehyde | <0.13 | JQ | µg/L | WA |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.056 | JQ | µg/L | WA |
| 0 | Heptachlor | <0.056 | JQ | µg/L | WA |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.056 | JQ | µg/L | WA |
| 0 | Heptachlor epoxide | <0.056 | JQ | µg/L | WA |
| 0 | Heptachlor epoxide | <0.063 | JQ | µg/L | WA |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00030 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00020 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <90 | | µg/L | WA |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | WA |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <10 | | µg/L | WA |
| 0 | Iodomethane (Methyl iodide) | <10 | | µg/L | WA |
| 0 | Iodomethane (Methyl iodide) | <10 | | µg/L | WA |
| 0 | Iron | 9.4 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | WA |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <0.11 | JQ | µg/L | WA |
| 0 | Isodrin | <0.11 | JQ | µg/L | WA |
| 0 | Isodrin | <0.13 | JQ | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | WA |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | <0.11 | JQ | µg/L | WA |
| 0 | Kepone | <0.11 | JQ | µg/L | WA |
| 0 | Kepone | <0.13 | JQ | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 3.2 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | JQ | µg/L | WA |
| 0 | Lindane | <0.056 | JQ | µg/L | WA |
| 0 | Magnesium | 306 | | µg/L | GE |
| 0 | Magnesium | 289 | | µg/L | WA |
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Manganese | 21 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <20 | | µg/L | WA |

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methacrylonitrile | <20 | | µg/L | WA |
| 0 | Methacrylonitrile | <20 | | µg/L | WA |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | JQ | µg/L | WA |
| 0 | Methoxychlor | <0.56 | JQ | µg/L | WA |
| 0 | Methoxychlor | <0.63 | JQ | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | WA |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | WA |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 165 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 180 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <50 | | µg/L | WA |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <50 | | µg/L | WA |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <50 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <20 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <50 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | WA |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.56 | JQ | µg/L | WA |
| 0 | PCB 1016 | <0.56 | JQ | µg/L | WA |
| 0 | PCB 1016 | <0.63 | JQ | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.56 | JQ | µg/L | WA |
| 0 | PCB 1221 | <0.56 | JQ | µg/L | WA |
| 0 | PCB 1221 | <0.63 | JQ | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.56 | JQ | µg/L | WA |
| 0 | PCB 1232 | <0.56 | JQ | µg/L | WA |
| 0 | PCB 1232 | <0.63 | JQ | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.56 | JQ | µg/L | WA |
| 0 | PCB 1242 | <0.56 | JQ | µg/L | WA |
| 0 | PCB 1242 | <0.63 | JQ | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.56 | JQ | µg/L | WA |
| 0 | PCB 1248 | <0.56 | JQ | µg/L | WA |
| 0 | PCB 1248 | <0.63 | JQ | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | JQ | µg/L | WA |

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1254 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1254 | <1.3 | JQ | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1260 | <1.1 | JQ | µg/L | WA |
| 0 | PCB 1260 | <1.3 | JQ | µg/L | WA |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.0010 | | µg/L | WA |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00050 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <50 | | µg/L | WA |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | Y | µg/L | WA |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 382 | J3 | µg/L | WA |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | WA |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | WA |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 12,000 | V | µg/L | GE |
| 0 | Silica | 11,100 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 3,920 | | µg/L | GE |
| 0 | Sodium | 4,180 | | µg/L | WA |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Sulfate | 1,700 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | WA |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00040 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00050 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 2.3 | J3 | µg/L | WA |

WELL BGX 12C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | WA |
| 0 | Total dissolved solids | 22,000 | | µg/L | GE |
| 0 | Total dissolved solids | 107,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 114 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.1 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.3 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | 1.1 | J | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <50 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.55 | | µg/L | WA |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 8.8 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.2E-09 ± 5.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.6E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 4.8E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 5.0E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-228 | <5.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <7.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.5E-07 | | µCi/mL | TM |

## WELL BGX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/92 Time: 8:35
Depth to water: 35.95 ft (10.96 m) below TOC pH: 5.0
Water elevation: 239.25 ft (72.92 m) msl Alkalinity: 2 mg/L
Sp. conductance: 21 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL BGX 12D collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 504 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,490 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |

WELL BGX 12D collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 490 | | µg/L | GE |
| 0 | Manganese | 7.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |

WELL BGX 12D collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 877 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,210 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,320 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 21,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 17,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.8 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 260 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 5.8 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 29 | | µg/L | GE |
| 0 | Gross alpha | 2.0E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.7E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.3E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL BRD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: 37.85 ft (11.54 m) below TOC
Water elevation: 167.95 ft (51.19 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 50 gal
Time: 14:15
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 1 | Aluminum | 45 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |

WELL BRD 1 collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.6 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 1 | Lead | 7.7 | | µg/L | GE |
| 1 | Lead | 8.0 | | µg/L | WA |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | 7.5 | J3 | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 7.7 | J3 | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | 7.2 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 2 | Total organic halogens | 276 | JQ | µg/L | WA |
| 2 | Total organic halogens | 282 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Radium-226 | 8.0E-10 ± 4.2E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 5.6E-10 ± 3.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.6E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 5.0E-10 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-08 ± 1.4E-07 | | µCi/mL | TM |
| 0 | Tritium | 1.2E-08 ± 2.1E-07 | | µCi/mL | TM |

## WELL BRD 1 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: 37.85 ft (11.54 m) below TOC
Water elevation: 167.95 ft (51.19 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 50 gal
Time: 14:15
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 1 | Aluminum | 28 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |

WELL BRD 1 collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.7 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Lead | 7.3 | | µg/L | GE |
| 1 | Lead | 8.4 | | µg/L | WA |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Nickel | 4.4 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 2 | Total organic halogens | 183 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Radium-226 | 9.4E-10 ± 4.3E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 8.0E-10 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-08 ± 2.2E-07 | | µCi/mL | TM |

## WELL BRD 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: 36.05 ft (10.99 m) below TOC
Water elevation: 171.25 ft (52.20 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 60 gal
Time: 12:55
pH: 5.3
Alkalinity: 2 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.2 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 1 | Lead | 13 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |

WELL BRD 2 collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.0E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL BRD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: 51.01 ft (15.55 m) below TOC
Water elevation: 169.39 ft (51.63 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.
Time: 14:40
pH: 5.0
Alkalinity: 3 mg/L
Water temperature: 23.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 1 | Lead | 9.8 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 2 | Manganese | 57 | | µg/L | GE |
| 0 | Nickel | 6.9 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.4E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL BRD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: 30.65 ft (9.34 m) below TOC
Water elevation: 167.25 ft (50.98 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 100 gal
Time: 13:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | 6.2 | | µg/L | GE |

WELL BRD 4 collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.0E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL BRD 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: 37.52 ft (11.44 m) below TOC
Water elevation: 187.48 ft (51.05 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 50 gal
Time: 13:40
pH: 5.6
Alkalinity: 5 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL BRR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92
Depth to water: 77.92 ft (23.75 m) below TOC
Water elevation: 217.98 ft (66.44 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 9:40
pH: 5.3
Alkalinity: 11 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.12 | | MSL | SP |
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | | T | Y/N | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | JQ6 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |

WELL BRR 1D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | delta-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | JQ6 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | JQ6 | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | JQ6 | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | JQ6 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | JQ6 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | JQ6 | µg/L | GE |
| 0 | Endosulfan II | <0.10 | JQ6 | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | JQ6 | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ6 | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | JQ6 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | JQ6 | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | JQ6 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | 22 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | 7.3 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ6 | µg/L | GE |
| 1 | Manganese | 45 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | 12 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1221 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1232 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1242 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1248 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1254 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1260 | <0.50 | JQ6 | µg/L | GE |

WELL BRR 1D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 4.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ6 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 4.6 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.3 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 84 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 7.4E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BRR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92
Depth to water: 75.32 ft (22.98 m) below TOC
Water elevation: 216.58 ft (66.01 m) msl
Sp. conductance: 85 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 10:00
pH: 5.8
Alkalinity: 18 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.12 | | MSL | SP |
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | | T | Y/N | GE |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |

WELL BRR 2D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 18 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | 8.7 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |

WELL BRR 2D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.5 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.4 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 22 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.9E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.0E-09 ± 1.3E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.3E-04 ± 1.7E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BRR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92
Depth to water: 75.26 ft (22.94 m) below TOC
Water elevation: 216.44 ft (65.97 m) msl
Sp. conductance: 144 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 10:20
pH: 5.4
Alkalinity: 10 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.12 | | MSL | SP |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | . | T | Y/N | GE |
| 0 | Specific conductance | 155 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 37 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |

WELL BRR 3D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Copper | 16 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | 89 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 1 | Lead | 9.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 2 | Manganese | 55 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 1 | Trichlorofluoromethane | 5.8 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 40 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

WELL BRR 3D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 1.0E-08 ± 2.7E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 1.1E-08 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.4E-04 ± 4.5E-08 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.0E-08 ± 2.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.2E-04 ± 2.7E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BRR 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92
Depth to water: 76.26 ft (23.24 m) below TOC
Water elevation: 215.94 ft (65.82 m) msl
Sp. conductance: 142 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 10:40
pH: 6.2
Alkalinity: 3 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.12 | | MSL | SP |
| 0 | Asbestos | <0.12 | | MSL | SP |
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | | T | Y/N | GE |
| 0 | Specific conductance | 130 | | µS/cm | GE |
| 0 | Specific conductance | 125 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |

WELL BRR 4D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 1 | Iron | 182 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 1 | Manganese | 35 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | 6.0 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.5 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.4 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 9.4 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 8.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.4E-04 ± 1.8E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL BRR 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92
Depth to water: 79.02 ft (24.09 m) below TOC
Water elevation: 215.58 ft (65.71 m) msl
Sp. conductance: 96 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 11:00
pH: 5.8
Alkalinity: 22 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.12 | | MSL | SP |
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Priority pollutant dioxin screen | . | T | Y/N | GE |
| 0 | Specific conductance | 110 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |

WELL BRR 5D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | 5.8 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 9.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | 10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 31 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 34 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.6E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL CBR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/92 — Time: 9:55
Depth to water: 46.45 ft (14.16 m) below TOC — pH: 5.2
Water elevation: 254.15 ft (77.47 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 374 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,100 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 5.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 189 | | µg/L | GE |
| 0 | Manganese | 6.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,160 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,140 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,220 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 26,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 60 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 8.7E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.1E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL CBR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92 — Time: 7:35
Depth to water: 47.25 ft (14.40 m) below TOC — pH: 4.7
Water elevation: 253.65 ft (77.31 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | pH | 5.4 | JQ | pH | WA |

WELL CBR 2D collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Specific conductance | 42 | | µS/cm | GE |
| 0 | Specific conductance | 41 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 47 | | µg/L | GE |
| 0 | Barium | 52 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 408 | | µg/L | GE |
| 0 | Calcium | 399 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 4,660 | | µg/L | GE |
| 0 | Chloride | 4,680 | | µg/L | GE |
| 0 | Chloride | 4,800 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | cis-1,2-Dichloroethene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | | µg/L | GE |
| 0 | Dichloromethane | 4.0 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 32 | | µg/L | GE |
| 0 | Iron | 35 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 3.6 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 527 | | µg/L | GE |
| 0 | Magnesium | 511 | | µg/L | WA |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Manganese | 3.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |

WELL CBR 2D collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate as nitrogen | 2,360 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 2,010 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,640 | | µg/L | GE |
| 0 | Potassium | 1,420 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 15,900 | | µg/L | GE |
| 0 | Silica | 15,400 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 4,010 | | µg/L | GE |
| 0 | Sodium | 4,060 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 705 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | 1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 47,000 | JQV6 | µg/L | GE |
| 0 | Total dissolved solids | 29,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | JQ6 | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | JQ6 | µg/L | GE |
| 0 | Total phosphates (as P) | 23 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.5E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Radium-220 | 2.3E-09 ± 8.6E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.5E-09 ± 5.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <2.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <8.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 9.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 9.2E-06 ± 2.2E-06 | | µCi/mL | TM |
| 0 | Tritium | 8.4E-06 ± 2.2E-06 | | µCi/mL | TM |

## WELL CBR 2D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 47.25 ft (14.40 m) below TOC
Water elevation: 253.65 ft (77.31 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 52 gal

Time: 7:35
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Specific conductance | 44 | JQ | µS/cm | WA |
| 0 | Specific conductance | 44 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 51 | | µg/L | GE |
| 0 | Barium | 50 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |

WELL CBR 2D collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 398 | | µg/L | GE |
| 0 | Calcium | 440 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,120 | | µg/L | GE |
| 0 | Chloride | 4,440 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.6 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | cis-1,2-Dichloroethene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 31 | J2 | µg/L | GE |
| 0 | Iron | 39 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 5.0 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.054 | | µg/L | WA |
| 0 | Magnesium | 549 | | µg/L | GE |
| 0 | Magnesium | 508 | | µg/L | WA |
| 0 | Manganese | 3.6 | | µg/L | GE |
| 0 | Manganese | 3.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.54 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 2,270 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,990 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,700 | | µg/L | GE |
| 0 | Potassium | 1,440 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 16,700 | | µg/L | GE |
| 0 | Silica | 14,300 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 4,270 | | µg/L | GE |
| 0 | Sodium | 3,930 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 532 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 49,000 | JQV6 | µg/L | GE |
| 0 | Total dissolved solids | 23,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | WA |
| 0 | Total phosphates (as P) | 160 | | µg/L | GE |
| 0 | Total phosphates (as P) | 23 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |

WELL CBR 2D collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.8E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Gross alpha | 1.3E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.1E-09 ± 3.4E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 4.4E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 8.1E-10 ± 3.7E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <3.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.3E-06 ± 5.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 7.6E-06 | | µCi/mL | TM |

## WELL CBR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/92
Depth to water: 46.07 ft (14.65 m) below TOC
Water elevation: 253.73 ft (77.34 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 52 gal
Time: 10:45
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 36 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 349 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,580 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 49 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 853 | | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,520 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,910 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 13,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 36,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.5E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL CCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 51.75 ft (15.77 m) below TOC
Water elevation: 226.85 ft (69.14 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 75 gal
Time: 13:50
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 5.4 | | µg/L | GE |

## WELL CCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 46.07 ft (14.04 m) below TOC
Water elevation: 224.32 ft (68.37 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 68 gal
Time: 13:35
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |

## WELL CCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 40.36 ft (12.30 m) below TOC
Water elevation: 227.03 ft (69.20 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 56 gal
Time: 13:15
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 4.9 | | µg/L | GE |

## WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 54.50 ft (16.61 m) below TOC
Water elevation: 228.50 ft (69.65 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 43 gal
Time: 12:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 3.1 | | µg/L | GE |
| 0 | Lead | 3.6 | | µg/L | GE |

## WELL CDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92
Depth to water: 73.23 ft (22.32 m) below TOC
Water elevation: 215.67 ft (65.74 m) msl
Sp. conductance: 63 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.
Time: 16:20
pH: 5.3
Alkalinity: 5 mg/L
Water temperature: 24.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 1 | Iron | 228 | | µg/L | GE |
| 2 | Lead | 146 | | µg/L | GE |
| 1 | Manganese | 44 | | µg/L | GE |
| 0 | Total activity | 5.7E-05 ± 2.2E-06 | | µCi/mL | EM |
| 2 | Tritium | 5.4E-05 ± 1.2E-06 | | µCi/mL | GE |

## WELL CDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92 — Time: 16:10
Depth to water: 72.58 ft (22.12 m) below TOC — pH: 5.3
Water elevation: 216.02 ft (65.84 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 80 µS/cm — Water temperature: 24.0°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | 22 | | µg/L | GE |
| 2 | Lead | 23 | | µg/L | GE |
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Total activity | 1.6E-03 ± 9.5E-06 | | µCi/mL | EM |
| 2 | Tritium | 1.6E-03 ± 5.9E-06 | | µCi/mL | GE |

## WELL CMP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/92 — Time: 12:20
Depth to water: 24.85 ft (7.57 m) below TOC — pH: 5.2
Water elevation: 203.75 ft (62.10 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.8 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 2.5 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.6 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 11 | | µg/L | WA |
| 1 | Lead | 15 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Manganese | 7.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | PCB 1016 | <0.55 | | µg/L | WA |
| 0 | PCB 1221 | <0.55 | | µg/L | WA |
| 0 | PCB 1232 | <0.55 | | µg/L | WA |
| 0 | PCB 1242 | <0.55 | | µg/L | WA |
| 0 | PCB 1248 | <0.55 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | 0.97 | J3 | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.1E-06 ± 5.0E-07 | | µCi/mL | CN |

## WELL CMP 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/92 — Time: 11:15
Depth to water: 45.42 ft (13.84 m) below TOC — pH: 6.1
Water elevation: 184.28 ft (56.17 m) msl — Alkalinity: 33 mg/L
Sp. conductance: 121 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 448 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.3 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 18 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 6.0 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 1 | Iron | 183 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.053 | | µg/L | WA |
| 0 | Manganese | 13 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.53 | | µg/L | WA |
| 0 | PCB 1016 | <0.53 | | µg/L | WA |
| 0 | PCB 1221 | <0.53 | | µg/L | WA |
| 0 | PCB 1232 | <0.53 | | µg/L | WA |
| 0 | PCB 1242 | <0.53 | | µg/L | WA |
| 0 | PCB 1248 | <0.53 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | 0.80 | J3 | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/92 — Time: 12:00
Depth to water: 30.94 ft (9.43 m) below TOC — pH: 6.6
Water elevation: 198.56 ft (60.52 m) msl — Alkalinity: 44 mg/L
Sp. conductance: 129 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 110 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.6 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 17 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |

WELL CMP 8B collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 4.6 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.1 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 4.9 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Manganese | 1.0 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | PCB 1016 | <0.56 | | µg/L | WA |
| 0 | PCB 1221 | <0.56 | | µg/L | WA |
| 0 | PCB 1232 | <0.56 | | µg/L | WA |
| 0 | PCB 1242 | <0.56 | | µg/L | WA |
| 0 | PCB 1248 | <0.56 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 5.2E-09 ± 8.7E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/92
Depth to water: 119.99 ft (36.57 m) below TOC
Water elevation: 195.11 ft (59.47 m) msl
Sp. conductance: 170 µS/cm
Water evacuated before sampling: 136 gal
Time: 10:20
pH: 7.9
Alkalinity: 67 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.7 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 23 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 5.8 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 14 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.23 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 5.6 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.057 | | µg/L | WA |

WELL CMP 9B collected on 09/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lindane | <0.11 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | PCB 1016 | <0.57 | | µg/L | WA |
| 0 | PCB 1016 | <1.1 | | µg/L | WA |
| 0 | PCB 1221 | <0.57 | | µg/L | WA |
| 0 | PCB 1221 | <1.1 | | µg/L | WA |
| 0 | PCB 1232 | <0.57 | | µg/L | WA |
| 0 | PCB 1232 | <1.1 | | µg/L | WA |
| 0 | PCB 1242 | <0.57 | | µg/L | WA |
| 0 | PCB 1242 | <1.1 | | µg/L | WA |
| 0 | PCB 1248 | <0.57 | | µg/L | WA |
| 0 | PCB 1248 | <1.1 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1254 | <2.3 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <2.3 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 22 | | µg/L | WA |
| 0 | Total organic halogens | 21 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 7.2E-09 ± 8.8E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/92
Depth to water: 88.97 ft (27.12 m) below TOC
Water elevation: 221.93 ft (67.65 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 87 gal
Time: 11:05
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 11 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.4 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 12 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.3 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 7.7 | J3 | µg/L | WA |
| 0 | Lead | 7.1 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Manganese | 6.6 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | PCB 1016 | <0.56 | | µg/L | WA |
| 0 | PCB 1221 | <0.56 | | µg/L | WA |
| 0 | PCB 1232 | <0.56 | | µg/L | WA |
| 0 | PCB 1242 | <0.56 | | µg/L | WA |
| 0 | PCB 1248 | <0.56 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |

WELL CMP 10 collected on 09/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | 0.80 | J3 | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 1,060 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | 2.8E-09 ± 9.1E-10 | | µCi/mL | CN |
| 2 | Nonvolatile beta | 5.3E-08 ± 1.5E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.3E-06 ± 4.8E-07 | | µCi/mL | CN |

## WELL CMP 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/92
Depth to water: 115.40 ft (35.17 m) below TOC
Water elevation: 195.40 ft (59.56 m) msl
Sp. conductance: 201 µS/cm
Water evacuated before sampling: 152 gal
Time: 11:45
pH: 7.4
Alkalinity: 86 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.5 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 28 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 4.7 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 2.1 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 3.2 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | PCB 1016 | <0.56 | | µg/L | WA |
| 0 | PCB 1221 | <0.56 | | µg/L | WA |
| 0 | PCB 1232 | <0.56 | | µg/L | WA |
| 0 | PCB 1242 | <0.56 | | µg/L | WA |
| 0 | PCB 1248 | <0.56 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,050 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/92
Depth to water: 96.19 ft (29.32 m) below TOC
Water elevation: 214.31 ft (65.32 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging.
Time: 11:10
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 16 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 3.8 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.7 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 37 | | µg/L | WA |
| 0 | Lead | 7.3 | | µg/L | WA |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Manganese | 3.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | PCB 1016 | <0.57 | | µg/L | WA |
| 0 | PCB 1221 | <0.57 | | µg/L | WA |
| 0 | PCB 1232 | <0.57 | | µg/L | WA |
| 0 | PCB 1242 | <0.57 | | µg/L | WA |
| 0 | PCB 1248 | <0.57 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 952 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.5E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.4E-06 ± 4.7E-07 | | µCi/mL | CN |

## WELL CMP 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/92
Depth to water: 114.76 ft (34.98 m) below TOC
Water elevation: 195.44 ft (59.57 m) msl
Sp. conductance: 191 µS/cm
Water evacuated before sampling: 146 gal
Time: 10:25
pH: 7.4
Alkalinity: 87 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 8.0 | JQ | pH | GE |
| 0 | pH | 7.5 | JQ | pH | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Barium | 40 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |

WELL CMP 11B collected on 09/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 4.4 | J3 | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.6 | | µg/L | GE |
| 0 | Dichloromethane | 5.2 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 5.1 | | µg/L | GE |
| 0 | Iron | 6.2 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.56 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.56 | | µg/L | WA |

WELL CMP 11B collected on 09/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.56 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.56 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.56 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 7.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | 1,100 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 11B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/92 Time: 10:25
Depth to water: 114.76 ft (34.98 m) below TOC pH: 7.4
Water elevation: 195.44 ft (59.57 m) msl Alkalinity: 87 mg/L
Sp. conductance: 191 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.9 | JQ | pH | GE |
| 0 | pH | 7.8 | JQ | pH | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 38 | | µg/L | GE |
| 0 | Barium | 37 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |

WELL CMP 11B collected on 09/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 4.2 | J3 | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 9.5 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.55 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.55 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.55 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.55 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.55 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.54 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

WELL CMP 11B collected on 09/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/92 Time: 15:30
Depth to water: 70.68 ft (21.54 m) below TOC pH: 4.6
Water elevation: 212.22 ft (64.69 m) msl Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 5.0 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.12 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 7.4 | J3 | µg/L | WA |
| 2 | Lead | 21 | | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Manganese | 5.3 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | PCB 1016 | <0.58 | | µg/L | WA |
| 0 | PCB 1221 | <0.58 | | µg/L | WA |
| 0 | PCB 1232 | <0.58 | | µg/L | WA |
| 0 | PCB 1242 | <0.58 | | µg/L | WA |
| 0 | PCB 1248 | <0.58 | | µg/L | WA |
| 0 | PCB 1254 | <1.2 | | µg/L | WA |
| 0 | PCB 1260 | <1.2 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 83 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 1 | Total organic halogens | 48 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | WA |
| 0 | Toxaphene | <1.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 51 | | µg/L | WA |
| 1 | Trichlorofluoromethane | 5.9 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.0E-06 ± 4.6E-07 | | µCi/mL | CN |

# ANALYTICAL RESULTS

## WELL CMP 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/92
Depth to water: 100.76 ft (30.71 m) below TOC
Water elevation: 183.34 ft (55.88 m) msl
Sp. conductance: 173 µS/cm
Water evacuated before sampling: 423 gal

Time: 15:15
pH: 6.3
Alkalinity: 55 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 27 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.55 | J3 | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 10 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 1 | Iron | 167 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 2 | Manganese | 89 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | PCB 1016 | <0.56 | | µg/L | WA |
| 0 | PCB 1221 | <0.56 | | µg/L | WA |
| 0 | PCB 1232 | <0.56 | | µg/L | WA |
| 0 | PCB 1242 | <0.56 | | µg/L | WA |
| 0 | PCB 1248 | <0.56 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 638 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/92
Depth to water: 89.00 ft (27.13 m) below TOC
Water elevation: 194.90 ft (59.41 m) msl
Sp. conductance: 193 µS/cm
Water evacuated before sampling: 154 gal

Time: 14:30
pH: 7.3
Alkalinity: 79 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.7 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 30 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |

WELL CMP 12B collected on 09/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 3.6 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 11 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 23 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | PCB 1016 | <0.58 | | µg/L | WA |
| 0 | PCB 1221 | <0.58 | | µg/L | WA |
| 0 | PCB 1232 | <0.58 | | µg/L | WA |
| 0 | PCB 1242 | <0.58 | | µg/L | WA |
| 0 | PCB 1248 | <0.58 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 9.8 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 17 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 6.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/92
Depth to water: 79.56 ft (24.26 m) below TOC
Water elevation: 209.62 ft (63.89 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging

Time: 13:20
pH: 5.9
Alkalinity: 17 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | WA |
| 0 | pH | 6.4 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 15 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 2.2 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 11 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 31 | | µg/L | WA |
| 2 | Lead | 16 | | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Manganese | 8.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |

WELL CMP 13 collected on 09/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | PCB 1016 | <0.58 | | µg/L | WA |
| 0 | PCB 1221 | <0.58 | | µg/L | WA |
| 0 | PCB 1232 | <0.58 | | µg/L | WA |
| 0 | PCB 1242 | <0.58 | | µg/L | WA |
| 0 | PCB 1248 | <0.58 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | 2.2 | J3 | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 36 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 1,580 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.60 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 23 | | µg/L | WA |
| 1 | Trichlorofluoromethane | 5.2 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.5E-08 ± 4.3E-07 | | µCi/mL | CN |

## WELL CMP 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/92
Depth to water: 94.23 ft (28.72 m) below TOC
Water elevation: 194.87 ft (59.40 m) msl
Sp. conductance: 187 µS/cm
Water evacuated before sampling: 159 gal

Time: 13:45
pH: 8.5
Alkalinity: 70 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.3 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 36 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 4.5 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 12 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 3.8 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | PCB 1016 | <0.58 | | µg/L | WA |
| 0 | PCB 1221 | <0.58 | | µg/L | WA |
| 0 | PCB 1232 | <0.58 | | µg/L | WA |
| 0 | PCB 1242 | <0.58 | | µg/L | WA |
| 0 | PCB 1248 | <0.58 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <10 | | µg/L | WA |
| 0 | Total organic halogens | <10 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |

WELL CMP 13B collected on 09/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/92
Depth to water: 89.56 ft (21.20 m) below TOC
Water elevation: 194.94 ft (59.42 m) msl
Sp. conductance: 175 µS/cm
Water evacuated before sampling: 214 gal

Time: 10:25
pH: 7.7
Alkalinity: 70 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.7 | JQ | pH | WA |
| 0 | pH | 7.7 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 17 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 2.1 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 7.4 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.2 | 1R | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.2 | JQ6 | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.12 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 4.3 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | PCB 1016 | <0.58 | | µg/L | WA |
| 0 | PCB 1221 | <0.58 | | µg/L | WA |
| 0 | PCB 1232 | <0.58 | | µg/L | WA |
| 0 | PCB 1242 | <0.58 | | µg/L | WA |
| 0 | PCB 1248 | <0.58 | | µg/L | WA |
| 0 | PCB 1254 | <1.2 | | µg/L | WA |
| 0 | PCB 1260 | <1.2 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | 2.2 | J3 | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 3,840 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <1.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.59 | 1R | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | JQ6 | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

# ANALYTICAL RESULTS

## WELL CMP 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/92
Depth to water: 48.98 ft (14.92 m) below TOC
Water elevation: 215.14 ft (65.58 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 79 gal

Time: 9:55
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 4.9 | JQ | pH | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 3.9 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.3 | J3 | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | Dichloromethane | 4.4 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | 1R | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ6 | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Iron | 5.1 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 2.8 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Manganese | 3.0 | | µg/L | GE |
| 0 | Manganese | 3.2 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.57 | | µg/L | WA |

WELL CMP 14C collected on 09/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.57 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.57 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.57 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.57 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 2.2 | J3 | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 592 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 7.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | 1R | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | JQ6 | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.9E-09 ± 1.2E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 3.2E-09 ± 4.5E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 2 | Radium-226 | 8.0E-09 ± 1.5E-09 | | µCi/mL | GP |
| 1 | Radium-226 | 6.7E-09 ± 1.6E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.5E-06 ± 5.0E-07 | | µCi/mL | GP |
| 0 | Tritium | 3.1E-06 ± 4.9E-07 | | µCi/mL | CN |

## WELL CMP 14C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/92
Depth to water: 48.98 ft (14.92 m) below TOC
Water elevation: 215.14 ft (65.58 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 79 gal

Time: 9:55
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 4.9 | JQ | pH | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Barium | 4.2 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Bromodichloromethane | <1 0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |

WELL CMP 14C collected on 09/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 13 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | 1R | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ6 | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 7.4 | | µg/L | GE |
| 0 | Iron | 3.4 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Manganese | 2.8 | | µg/L | GE |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Manganese | 3.7 | V | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.57 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.57 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.57 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.57 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.57 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 2.3 | J3 | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 6.3 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | 1R | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | JQ6 | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |

WELL CMP 14C collected on 09/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | 3.3E-09 ± 1.6E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.4E-09 ± 1.5E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.8E-06 ± 5.0E-07 | | µCi/mL | GP |
| 0 | Tritium | 3.2E-06 ± 4.9E-07 | | µCi/mL | CN |

## WELL CMP 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/92
Depth to water: 94.42 ft (28.78 m) below TOC
Water elevation: 182.08 ft (55.50 m) msl
Sp. conductance: 99 µS/cm
Water evacuated before sampling: 441 gal
Time: 13:50
pH: 5.8
Alkalinity: 11 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | WA |
| 0 | Arsenic | 2.2 | J3 | µg/L | WA |
| 0 | Barium | 21 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.47 | J3 | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.1 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 8.0 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 1 | Iron | 267 | | µg/L | WA |
| 0 | Lead | 2.2 | J3 | µg/L | WA |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 1 | Manganese | 38 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | PCB 1016 | <0.57 | | µg/L | WA |
| 0 | PCB 1221 | <0.57 | | µg/L | WA |
| 0 | PCB 1232 | <0.57 | | µg/L | WA |
| 0 | PCB 1242 | <0.57 | | µg/L | WA |
| 0 | PCB 1248 | <0.57 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 638 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,050 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.9E-09 ± 8.1E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/92
Depth to water: 72.73 ft (22.17 m) below TOC
Water elevation: 203.67 ft (62.06 m) msl
Sp. conductance: 208 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging.

Time: 11:50
pH: 10.5
Alkalinity: 55 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 35 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 4.1 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 7.8 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 8.4 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Manganese | 2.4 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | PCB 1016 | <0.56 | | µg/L | WA |
| 0 | PCB 1221 | <0.56 | | µg/L | WA |
| 0 | PCB 1232 | <0.56 | | µg/L | WA |
| 0 | PCB 1242 | <0.56 | | µg/L | WA |
| 0 | PCB 1248 | <0.56 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 952 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/92
Depth to water: 38.55 ft (11.75 m) below TOC
Water elevation: 238.45 ft (72.68 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 12:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |

WELL CMP 15C collected on 09/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.8 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 16 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.12 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 7.0 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.059 | | µg/L | WA |
| 0 | Manganese | 3.4 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.59 | | µg/L | WA |
| 0 | PCB 1016 | <0.59 | | µg/L | WA |
| 0 | PCB 1221 | <0.59 | | µg/L | WA |
| 0 | PCB 1232 | <0.59 | | µg/L | WA |
| 0 | PCB 1242 | <0.59 | | µg/L | WA |
| 0 | PCB 1248 | <0.59 | | µg/L | WA |
| 0 | PCB 1254 | <1.2 | | µg/L | WA |
| 0 | PCB 1260 | <1.2 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <1.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.8E-08 ± 1.2E-08 | | µCi/mL | CN |

## WELL CMP 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/92
Depth to water: 122.54 ft (37.35 m) below TOC
Water elevation: 195.16 ft (59.49 m) msl
Sp. conductance: 198 µS/cm
Water evacuated before sampling: 140 gal

Time: 9:55
pH: 7.6
Alkalinity: 87 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.7 | JQ | pH | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 32 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 8.2 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 15 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 4.5 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |

WELL CMP 16B collected on 09/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | PCB 1016 | <0.56 | | µg/L | WA |
| 0 | PCB 1221 | <0.56 | | µg/L | WA |
| 0 | PCB 1232 | <0.56 | | µg/L | WA |
| 0 | PCB 1242 | <0.56 | | µg/L | WA |
| 0 | PCB 1248 | <0.56 | | µg/L | WA |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL CMP 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/92 Time: 9:35
Depth to water: 95.01 ft (28.96 m) below TOC
Water elevation: 222.49 ft (67.82 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL CRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 Time: 12:25
Depth to water: 65.07 ft (19.83 m) below TOC
Water elevation: 209.53 ft (63.87 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL CRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 Time: 12:15
Depth to water: 70.66 ft (21.54 m) below TOC pH: 4.8
Water elevation: 208.04 ft (63.41 m) msl Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 95 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | 7.1 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 2 | Tritium | 8.0E-05 ± 1.3E-06 | | µCi/mL | GE |

## WELL CRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 Time: 12:30
Depth to water: 58.06 ft (17.70 m) below TOC
Water elevation: 207.74 ft (63.32 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL CRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 Time: 11:55
Depth to water: 59.41 ft (17.80 m) below TOC pH: 4.9
Water elevation: 209.29 ft (63.79 m) msl Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 1 | Tritium | 1.6E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL CSA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 14:25
Depth to water: 45.13 ft (13.76 m) below TOC pH: 4.8
Water elevation: 245.87 ft (74.88 m) msl Alkalinity: 0 mg/L
Sp. conductance: 47 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.30 | | MSL | SP |
| 0 | Priority pollutant dioxin screen | . | T | Y/N | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Copper | 8.3 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |

WELL CSA 1 collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,700 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL CSA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: 44.15 ft (13.46 m) below TOC
Water elevation: 245.95 ft (74.97 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 73 gal

Time: 14:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.36 | | MSL | SP |
| 0 | Priority pollutant dioxin screen | . | T | Y/N | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |

WELL CSA 2 collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,600 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |

WELL CSA 2 collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL CSA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: 44.27 ft (13.49 m) below TOC
Water elevation: 245.13 ft (74.72 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 70 gal

Time: 15:15
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.75 | | MSL | SP |
| 0 | Priority pollutant dioxin screen | | T | Y/N | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |

WELL CSA 3 collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate nitrite as nitrogen | 4,050 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Zinc | 2.0 | | µg/L | GE |
| 0 | Gross alpha | 2.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL CSA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 — Time: 14:50
Depth to water: 45.43 ft (13.85 m) below TOC — pH: 4.8
Water elevation: 244.87 ft (74.67 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 22.9°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.15 | | MSL | SP |
| 0 | Priority pollutant dioxin screen | . | T | Y/N | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |

WELL CSA 4 collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,400 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,400 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Zinc | 4.3 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL CSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/92 — Time: 11:45
Depth to water: 78.70 ft (23.99 m) below TOC — pH: 7.2
Water elevation: 213.10 ft (64.95 m) msl — Alkalinity: 118 mg/L
Sp. conductance: 276 µS/cm — Water temperature: 23.2°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 6.6 | | µg/L | GE |
| 0 | Lead | 5.9 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.5 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Total activity | 3.5E-04 ± 4.4E-06 | | µCi/mL | EM |
| 2 | Tritium | 3.4E-04 ± 2.8E-06 | | µCi/mL | GE |

## WELL CSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92 — Time: 18:35
Depth to water: 72.08 ft (21.97 m) below TOC
Water elevation: 212.52 ft (64.78 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL CSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/92 — Time: 11:30
Depth to water: 73.05 ft (22.27 m) below TOC — pH: 5.6
Water elevation: 211.85 ft (64.57 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 18 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 6.8 | | µg/L | GE |
| 2 | Lead | 44 | | µg/L | GE |
| 0 | Manganese | 5.1 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Total activity | 4.1E-02 ± 3.3E-04 | | µCi/mL | EM |
| 2 | Tritium | 3.9E-02 ± 2.9E-05 | | µCi/mL | GE |

## WELL CSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/92 — Time: 11:20
Depth to water: 73.35 ft (22.36 m) below TOC — pH: 5.1
Water elevation: 211.75 ft (64.54 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 62 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.0 | | µg/L | GE |
| 0 | Total activity | 4.1E-02 ± 3.3E-04 | | µCi/mL | EM |
| 2 | Tritium | 4.1E-02 ± 3.0E-05 | | µCi/mL | GE |

## WELL CSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/92 — Time: 10:55
Depth to water: 70.99 ft (21.64 m) below TOC — pH: 6.5
Water elevation: 211.81 ft (64.56 m) msl — Alkalinity: 52 mg/L
Sp. conductance: 95 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 6.1 | | µg/L | GE |
| 0 | Lead | 4.7 | | µg/L | GE |
| 0 | Lead | 4.5 | | µg/L | GE |
| 0 | Manganese | 4.9 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Total activity | 1.1E-03 ± 7.6E-06 | | µCi/mL | EM |
| 2 | Tritium | 1.0E-03 ± 4.8E-06 | | µCi/mL | GE |

## WELL CSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92 — Time: 18:45
Depth to water: 74.17 ft (22.61 m) below TOC
Water elevation: 212.63 ft (64.81 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL CSD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/92 — Time: 14:35
Depth to water: 69.22 ft (21.10 m) below TOC — pH: 5.4
Water elevation: 246.18 ft (75.04 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 23.9°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 562 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ6 | µg/L | GE |
| 0 | Iron | 7.5 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ6 | µg/L | GE |
| 0 | Magnesium | 279 | | µg/L | GE |
| 1 | Mercury | 1.1 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ6 | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Potassium | 1,450 | | µg/L | GE |
| 0 | Silica | 50,900 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | 1,040 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ6 | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL CSD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92 Time: 8:55
Depth to water: 62.92 ft (19.18 m) below TOC pH: 5.5
Water elevation: 247.88 ft (75.55 m) msl Alkalinity: 4 mg/L
Sp. conductance: 45 µS/cm Water temperature: 22.7°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 553 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 1 | Iron | 210 | | µg/L | GE |
| 1 | Lead | 9.5 | J2 | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 335 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Potassium | 1,690 | | µg/L | GE |
| 0 | Silica | 36,500 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL CSD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92 Time: 8:40
Depth to water: 63.21 ft (19.27 m) below TOC pH: 10.7
Water elevation: 245.29 ft (74.77 m) msl Alkalinity: 76 mg/L
Sp. conductance: 147 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 18 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13,900 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ6 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ6 | µg/L | GE |
| 0 | Magnesium | 831 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ6 | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Potassium | 7,880 | | µg/L | GE |
| 0 | Silica | 35,600 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | 210 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ6 | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL CSD 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 12:30
Depth to water: 59.39 ft (18.10 m) below TOC pH: 5.3
Water elevation: 244.51 ft (74.53 m) msl Alkalinity: 3 mg/L
Sp. conductance: 33 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,120 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 366 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Potassium | 804 | | µg/L | GE |
| 0 | Silica | 10,600 | | µg/L | GE |

WELL CSD 8D collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 34 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | 140 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL CSD 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 9:45
Depth to water: 53.71 ft (16.37 m) below TOC pH: 5.1
Water elevation: 244.49 ft (74.52 m) msl Alkalinity: 1 mg/L
Sp. conductance: 40 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 413 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 23 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 541 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Potassium | 1,820 | | µg/L | GE |
| 0 | Silica | 18,300 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 12 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | 1,030 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL CSD 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 10:10
Depth to water: 52.48 ft (16.00 m) below TOC pH: 5.1
Water elevation: 244.12 ft (74.41 m) msl Alkalinity: 1 mg/L
Sp. conductance: 35 µS/cm Water temperature: 22.4°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 361 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 16 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 493 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Potassium | 1,820 | | µg/L | GE |
| 0 | Silica | 18,200 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 19 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | 750 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL CSD 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92 — Time: 8:20
Depth to water: 48.82 ft (14.88 m) below TOC — pH: 6.4
Water elevation: 244.18 ft (74.43 m) msl — Alkalinity: 99 mg/L
Sp. conductance: 224 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 39,900 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 39 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,440 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Potassium | 1,850 | | µg/L | GE |
| 0 | Silica | 28,700 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | 820 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 — Time: 12:55
Depth to water: 56.71 ft (17.29 m) below TOC — pH: 4.8
Water elevation: 244.89 ft (74.64 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 973 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 696 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Potassium | 691 | | µg/L | GE |
| 0 | Silica | 8,290 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | 240 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 3.0E-10 | | µCi/mL | GE |

## WELL CSD 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/92 — Time: 8:20
Depth to water: 45.89 ft (13.99 m) below TOC — pH: 4.9
Water elevation: 243.61 ft (74.25 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 243 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Benzene | 8.7 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |

WELL CSD 13D collected on 07/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 668 | | µg/L | GE |
| 0 | Carbon tetrachloride | 1.1 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ6 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ6 | µg/L | GE |
| 0 | Magnesium | 316 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ6 | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Potassium | 748 | | µg/L | GE |
| 0 | Silica | 10,500 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.1 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 8.2 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | 2,210 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ6 | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 24 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.3 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL CSO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 — Time: 11:05
Depth to water: 48.75 ft (14.86 m) below TOC — pH: 4.6
Water elevation: 255.15 ft (77.77 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Tritium | 3.8E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 3.8E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL CSO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 — Time: 11:30
Depth to water: 46.67 ft (14.23 m) below TOC — pH: 4.6
Water elevation: 255.23 ft (77.80 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 119 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Tritium | 6.0E-06 ± 5.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL CSR 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/92 Time: 9:25
Depth to water: 15.42 ft (4.70 m) below TOC pH: 4.7
Water elevation: 258.68 ft (78.85 m) msl Alkalinity: 0 mg/L
Sp. conductance: 38 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 48 | | µg/L | GE |
| 0 | Lead | 4.7 | J2 | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

## WELL CSR 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/92 Time: 13:50
Depth to water: 31.06 ft (9.47 m) below TOC pH: 5.0
Water elevation: 268.64 ft (81.27 m) msl Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 19 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Iron | 270 | | µg/L | GE |
| 0 | Lead | 3.3 | J2 | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

## WELL CSR 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/92 Time: 14:15
Depth to water: 27.14 ft (8.27 m) below TOC pH: 4.9
Water elevation: 258.06 ft (78.66 m) msl Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 40 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 68 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

## WELL CSR 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/92 Time: 9:10
Depth to water: 25.10 ft (7.65 m) below TOC pH: 4.7
Water elevation: 259.60 ft (79.13 m) msl Alkalinity: 3 mg/L
Sp. conductance: 24 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

## WELL DBP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92 Time: 10:10
Depth to water: 16.78 ft (5.11 m) below TOC pH: 4.3
Water elevation: 118.41 ft (36.09 m) msl Alkalinity: 0 mg/L
Sp. conductance: 56 µS/cm Water temperature: 17.8°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 20 | | µg/L | GE |
| 0 | Lead | 3.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |

## WELL DBP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92 Time: 12:15
Depth to water: 9.43 ft (2.87 m) below TOC pH: 3.5
Water elevation: 116.87 ft (35.62 m) msl Alkalinity: 0 mg/L
Sp. conductance: 252 µS/cm Water temperature: 18.7°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 117 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Manganese | 358 | | µg/L | GE |

## WELL DBP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92 Time: 11:10
Depth to water: 8.12 ft (2.48 m) below TOC pH: 4.6
Water elevation: 120.18 ft (36.63 m) msl Alkalinity: 2 mg/L
Sp. conductance: 94 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 89 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 53 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |

## WELL DBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92 Time: 11:45
Depth to water: 8.58 ft (2.62 m) below TOC pH: 3.6
Water elevation: 117.62 ft (35.85 m) msl Alkalinity: 0 mg/L
Sp. conductance: 128 µS/cm Water temperature: 17.6°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 47 | | µg/L | GE |
| 0 | Iron | 48 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Manganese | 640 | | µg/L | GE |
| 2 | Manganese | 643 | | µg/L | GE |

## WELL DCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 9:50
Depth to water: 11.18 ft (3.41 m) below TOC
Water elevation: 115.92 ft (35.33 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL DCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 11:35
Depth to water: 8.57 ft (2.61 m) below TOC pH: 4.8
Water elevation: 125.73 ft (38.32 m) msl Alkalinity: 0 mg/L
Sp. conductance: 46 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 32 | J2 | µg/L | GE |
| 1 | Lead | 9.7 | J2 | µg/L | GE |
| 1 | Manganese | 25 | J2 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.6E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL DCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 11:05
Depth to water: 11.59 ft (3.53 m) below TOC pH: 4.8
Water elevation: 121.41 ft (37.01 m) msl Alkalinity: 0 mg/L
Sp. conductance: 49 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 112 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 1 | Manganese | 33 | J2 | µg/L | GE |
| 0 | Sulfate | 5,780 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.7E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL DCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 10:50
Depth to water: 9.70 ft (2.96 m) below TOC pH: 4.5
Water elevation: 119.80 ft (36.52 m) msl Alkalinity: 0 mg/L
Sp. conductance: 317 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | 642 | | µg/L | GE |
| 0 | Fluoride | 639 | | µg/L | GE |
| 0 | Iron | 39 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 2 | Manganese | 688 | J2 | µg/L | GE |
| 1 | Sulfate | 210,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.4E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL DCB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 10:30
Depth to water: 3.46 ft (1.05 m) below TOC pH: 4.6
Water elevation: 119.44 ft (36.41 m) msl Alkalinity: 0 mg/L
Sp. conductance: 81 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Cadmium | 2.1 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 1 | Fluoride | 2,620 | | µg/L | GE |
| 1 | Iron | 179 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 2 | Manganese | 3,350 | J2 | µg/L | GE |
| 2 | Sulfate | 544,000 | | µg/L | GE |
| 0 | Total organic halogens | 17 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.2E-09 ± 1.1E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.5E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.6E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 2.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL DCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 12:35
Depth to water: 13.92 ft (4.24 m) below TOC pH: 3.8
Water elevation: 119.27 ft (36.35 m) msl Alkalinity: 0 mg/L
Sp. conductance: 3500 µS/cm Water temperature: 23.0°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <10 | | µg/L | GE |
| 0 | Calcium | 268,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 2 | Chromium | 816 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dissolved organic carbon | 3,100 | | µg/L | GE |
| 0 | Dissolved organic carbon | 3,000 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Fluoride | 6,650 | | µg/L | GE |
| 2 | Iron | 31,300 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 218,000 | | µg/L | GE |
| 2 | Manganese | 44,600 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Potassium | 5,420 | | µg/L | GE |
| 0 | Silica | 25,900 | | µg/L | GE |
| 2 | Sulfate | 3.7E+06 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.8 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 1 | Total organic halogens | 38 | | µg/L | GE |
| 0 | Total phosphates (as P) | 56 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 28 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 1 | Gross alpha | 1.3E-08 ± 2.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.8E-08 ± 6.5E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.5E-08 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.0E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL DCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 8:50
Depth to water: 14.23 ft (4.34 m) below TOC pH: 2.6
Water elevation: 118.57 ft (36.14 m) msl Alkalinity: 0 mg/L
Sp. conductance: 4830 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 29 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <20 | | µg/L | GE |
| 0 | Calcium | 138,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |

WELL DCB 7 collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 2 | Chromium | 133 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dissolved organic carbon | 2,430 | | µg/L | GE |
| 0 | Dissolved organic carbon | 2,490 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 608,000 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 141,000 | | µg/L | GE |
| 2 | Manganese | 13,300 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Potassium | <5,000 | | µg/L | GE |
| 0 | Silica | 111,000 | | µg/L | GE |
| 2 | Sulfate | 7.2E+06 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 1 | Total organic halogens | 48 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 30 | | µg/L | GE |
| 2 | Trichloroethylene | 30 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.3 | | µg/L | GE |
| 2 | Gross alpha | 1.0E-07 ± 1.9E-08 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 8.1E-08 ± 2.4E-08 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.2E-08 ± 3.4E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL DCB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92
Depth to water: 9.50 ft (2.90 m) below TOC
Water elevation: 127.30 ft (38.80 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 45 gal
Time: 11:20
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 17 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Manganese | 3.5 | J2 | µg/L | GE |
| 0 | Sulfate | 1,390 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | 4.1E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.5E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.1E-08 ± 4.0E-07 | | µCi/mL | GE |

## WELL DCB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92
Depth to water: 7.30 ft (2.23 m) below TOC
Water elevation: 115.00 ft (35.05 m) msl
Sp. conductance: 2090 µS/cm
Water evacuated before sampling: 46 gal
Time: 9:40
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 1 | Cadmium | 3.4 | | µg/L | GE |
| 1 | Chromium | 58 | | µg/L | GE |
| 0 | Fluoride | 606 | | µg/L | GE |
| 2 | Iron | 30,500 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 2 | Manganese | 35,600 | J2 | µg/L | GE |
| 2 | Sulfate | 2.8E+06 | | µg/L | GE |
| 1 | Total organic halogens | 33 | | µg/L | GE |
| 1 | Total organic halogens | 37 | | µg/L | GE |
| 2 | Gross alpha | 1.8E-08 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.1E-09 ± 2.4E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 2.6E-08 ± 2.3E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 2.3E-08 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.7E-08 ± 4.0E-07 | | µCi/mL | GE |

## WELL DCB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92
Depth to water: 5.64 ft (1.72 m) below TOC
Water elevation: 118.26 ft (36.05 m) msl
Sp. conductance: 3990 µS/cm
Water evacuated before sampling: 48 gal
Time: 10:10
pH: 2.6
Alkalinity: 0 mg/L
Water temperature: 24.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Cadmium | <20 | | µg/L | GE |
| 2 | Chromium | 364 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 372,000 | J2 | µg/L | GE |
| 0 | Lead | 4.0 | J2 | µg/L | GE |
| 2 | Manganese | 11,500 | J2 | µg/L | GE |
| 2 | Sulfate | 5.0E+06 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 2 | Gross alpha | 6.2E-08 ± 4.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 2.3E-08 ± 3.7E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.2E-08 ± 3.0E-07 | | µCi/mL | GE |

## WELL DCB 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92
Depth to water: 8.53 ft (2.60 m) below TOC
Water elevation: 122.07 ft (37.21 m) msl
Sp. conductance: 2660 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 11:50
pH: 5.9
Alkalinity: 38 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | 6.8 | | µg/L | GE |
| 0 | Arsenic | 7.5 | | µg/L | GE |
| 0 | Cadmium | <20 | | µg/L | GE |
| 0 | Chromium | <40 | | µg/L | GE |
| 0 | Fluoride | 178 | | µg/L | GE |
| 2 | Iron | 43,300 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 2 | Manganese | 2,540 | J2 | µg/L | GE |
| 2 | Sulfate | 2.1E+06 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.9E-08 ± 3.7E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.8E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.4E-08 ± 3.0E-07 | | µCi/mL | GE |

## WELL DCB 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 — Time: 9:25
Depth to water: 7.31 ft (2.23 m) below TOC — pH: 3.7
Water elevation: 109.59 ft (33.40 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2000 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | 184 | | µg/L | GE |
| 2 | Iron | 706 | | µg/L | GE |
| 2 | Iron | 689 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 2 | Manganese | 71 | | µg/L | GE |
| 2 | Manganese | 70 | | µg/L | GE |
| 0 | Sulfate | 47,900 | | µg/L | GE |
| 0 | Sulfate | 49,900 | | µg/L | GE |
| 1 | Total organic halogens | 40 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.3E-04 ± 1.7E-08 | | µCi/mL | GE |

## WELL DCB 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 — Time: 12:00
Depth to water: 8.85 ft (2.70 m) below TOC — pH: 5.1
Water elevation: 120.95 ft (36.87 m) msl — Alkalinity: 19 mg/L
Sp. conductance: 192 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | 149 | | µg/L | GE |
| 1 | Iron | 152 | | µg/L | GE |
| 1 | Iron | 151 | J2 | µg/L | GE |
| 0 | Iron | 142 | | µg/L | GE |
| 0 | Iron | 143 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 2 | Manganese | 341 | | µg/L | GE |
| 2 | Manganese | 340 | J2 | µg/L | GE |
| 0 | Sulfate | 37,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.2E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.6E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL DCB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 — Time: 12:20
Depth to water: 14.26 ft (4.35 m) below TOC — pH: 6.5
Water elevation: 113.34 ft (34.55 m) msl — Alkalinity: 223 mg/L
Sp. conductance: 978 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | 13 | | µg/L | GE |
| 0 | Cadmium | <20 | | µg/L | GE |
| 0 | Chromium | <40 | | µg/L | GE |
| 0 | Fluoride | 170 | | µg/L | GE |
| 2 | Iron | 22,300 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 2 | Manganese | 1,690 | | µg/L | GE |
| 2 | Sulfate | 413,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.2 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-08 ± 2.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL DCB 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 — Time: 12:10
Depth to water: 14.54 ft (4.43 m) below TOC — pH: 6.7
Water elevation: 113.36 ft (34.55 m) msl — Alkalinity: 224 mg/L
Sp. conductance: 787 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | 4.3 | | µg/L | GE |
| 0 | Arsenic | 4.1 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | 186 | | µg/L | GE |
| 2 | Iron | 6,520 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 2 | Manganese | 179 | | µg/L | GE |
| 0 | Sulfate | 159,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.5E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL DOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 — Time: 10:45
Depth to water: 7.11 ft (2.17 m) below TOC — pH: 6.4
Water elevation: 144.59 ft (44.07 m) msl — Alkalinity: 48 mg/L
Sp. conductance: 137 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 78 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | JQ1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ1 | µg/L | GE |
| 0 | Aldrin | <10 | JQ1 | µg/L | GE |
| 0 | Anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | JQ1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | JQ1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | JQ1 | µg/L | GE |
| 0 | Benzidine | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <10 | JQ1 | µg/L | GE |
| 0 | Chloride | 1,220 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 5.4 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | JQ1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | JQ1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | JQ1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |

WELL DOB 1 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <10 | JQ1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | JQ1 | µg/L | GE |
| 0 | Endosulfan I | <10 | JQ1 | µg/L | GE |
| 0 | Endosulfan II | <10 | JQ1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | JQ1 | µg/L | GE |
| 0 | Endrin | <10 | JQ1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | JQ1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Fluorene | <10 | JQ1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <10 | JQ1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Iron | 8.1 | | µg/L | GE |
| 0 | Isophorone | <10 | JQ1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <10 | JQ1 | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 210 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ1 | µg/L | GE |
| 0 | Oil & grease | <1,000 | | µg/L | GE |
| 0 | PCB 1016 | <150 | JQ1 | µg/L | GE |
| 0 | PCB 1221 | <150 | JQ1 | µg/L | GE |
| 0 | PCB 1232 | <150 | JQ1 | µg/L | GE |
| 0 | PCB 1242 | <150 | JQ1 | µg/L | GE |
| 0 | PCB 1248 | <150 | JQ1 | µg/L | GE |
| 0 | PCB 1254 | <150 | JQ1 | µg/L | GE |
| 0 | PCB 1260 | <150 | JQ1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ1 | µg/L | GE |
| 0 | Phenol | <10 | JQ | µg/L | GE |
| 0 | Pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,160 | | µg/L | GE |
| 0 | Sulfate | 8,990 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7.9 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 6.9 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 1 | Total organic carbon | 6,510 | | µg/L | GE |
| 0 | Total organic halogens | 25 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Toxaphene | <10 | JQ1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 12 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 2.3 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL DOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 11:10
Depth to water: 7.96 ft (2.43 m) below TOC pH: 6.1
Water elevation: 144.22 ft (43.96 m) msl Alkalinity: 2 mg/L
Sp. conductance: 82 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Barium | 39 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <55 | | µg/L | WA |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.16 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <11 | | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 40 | V | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 7,140 | | µg/L | GE |
| 0 | Chloride | 7,000 | | µg/L | WA |
| 0 | Chloride | 7,220 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |

WELL DOB 2 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | 1.1 | J3 | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | 1.7 | JV | µg/L | WA |
| 0 | Di-n-butyl phthalate | 1.7 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | Dichloromethane | 5.7 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |

WELL DOB 2 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 2 | Iron | 557 | | µg/L | GE |
| 2 | Iron | 505 | | µg/L | WA |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Manganese | 18 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Nickel | 6.1 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 666 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 610 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 560 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | Oil & grease | <1,000 | | µg/L | GE |
| 0 | Oil & grease | <1,000 | | µg/L | WA |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,820 | | µg/L | GE |
| 0 | Sodium | 2,840 | | µg/L | WA |
| 0 | Sulfate | 13,900 | | µg/L | GE |
| 0 | Sulfate | 13,200 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | 3.7 | | µg/L | GE |
| 2 | Tin | 32 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 3,080 | | µg/L | GE |
| 0 | Total organic carbon | 2,840 | | µg/L | WA |
| 0 | Total organic halogens | 22 | | µg/L | GE |
| 2 | Total organic halogens | 92 | | µg/L | WA |
| 2 | Total organic halogens | 73 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <910 | J | µg/L | WA |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |

WELL DOB 2 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 7.9 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.9E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 3.3E-09 ± 8.2E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 9.5E-10 ± 7.6E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.8E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 3.3E-06 ± 2.0E-07 | | µCi/mL | TM |

## WELL DOB 2 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 7.98 ft (2.43 m) below TOC
Water elevation: 144.22 ft (43.98 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 76 gal

Time: 11:10
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Barium | 39 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 36 | V | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 72 | V | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |

WELL DOB 2 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 7,040 | | µg/L | GE |
| 0 | Chloride | 7,400 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | 1.5 | JV | µg/L | WA |
| 0 | Di-n-butyl phthalate | 1.6 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |

WELL DOB 2 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 2 | Iron | 558 | | µg/L | GE |
| 2 | Iron | 486 | | µg/L | WA |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | WA |
| 0 | Mercury | 0.99 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Nickel | 7.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 800 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 630 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | Oil & grease | <1,000 | | µg/L | GE |
| 0 | Oil & grease | <1,000 | | µg/L | WA |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | WA |

WELL DOB 2 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,650 | | µg/L | GE |
| 0 | Sodium | 2,720 | | µg/L | WA |
| 0 | Sulfate | 14,400 | | µg/L | GE |
| 0 | Sulfate | 9,040 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 4.9 | J3 | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 3,430 | | µg/L | GE |
| 0 | Total organic carbon | 2,930 | | µg/L | WA |
| 0 | Total organic halogens | 22 | | µg/L | GE |
| 0 | Total organic halogens | 16 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | 1,370 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <490 | J | µg/L | WA |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 7.3 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.5E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.0E-08 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 2.8E-09 ± 7.8E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.0E-08 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 3.5E-08 ± 2.7E-07 | | µCi/mL | TM |

## WELL DOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 8.20 ft (2.50 m) below TOC
Water elevation: 144.60 ft (44.07 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 75 gal

Time: 11:50
pH: 5.7
Alkalinity: 4 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL DOB 3 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 680 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | 29 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 250 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | Oil & grease | <1,000 | | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 513 | | µg/L | GE |
| 0 | Sulfate | 5,200 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | 1,060 | | µg/L | GE |

WELL DOB 3 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 4.3 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.2E-07 ± 3.0E-07 | | µCi/mL | GE |

## WELL DOB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 8.82 ft (2.69 m) below TOC
Water elevation: 144.18 ft (43.95 m) msl
Sp. conductance: 61 µS/cm
Water evacuated before sampling: 92 gal

Time: 10:20
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 33 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 4,260 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |

WELL DOB 4 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,240 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | Oil & Grease | <1,000 | | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |

WELL DOB 4 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,040 | | µg/L | GE |
| 0 | Sulfate | 7,100 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.1 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 2.7 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.4E-08 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 3.0E-08 ± 4.0E-07 | | µCi/mL | GE |

## WELL F 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 15:20
Depth to water: 67.50 ft (20.57 m) below TOC pH: 4.4
Water elevation: 208.20 ft (63.46 m) msl Alkalinity: 1 mg/L
Sp. conductance: 192 µS/cm Water temperature: 26.2°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total activity | 3.5E-04 ± 5.9E-06 | | µCi/mL | EM |
| 2 | Tritium | 3.6E-04 ± 2.8E-06 | | µCi/mL | GE |

## WELL F 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 7:55
Depth to water: 44.13 ft (13.45 m) below TOC pH: 4.0
Water elevation: 209.37 ft (63.82 m) msl Alkalinity: 0 mg/L
Sp. conductance: 88 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 10 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Gross alpha | 6.7E-08 ± 6.8E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 7.3E-08 ± 4.7E-09 | | µCi/mL | GE |
| 0 | Total activity | 4.4E-04 ± 1.9E-05 | | µCi/mL | EM |
| 2 | Tritium | 3.8E-04 ± 3.0E-06 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL F 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 — Time: 7:10
Depth to water: 48.83 ft (14.88 m) below TOC — pH: 4.4
Water elevation: 207.07 ft (63.12 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 89 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Gross alpha | 5.1E-08 ± 5.9E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 6.0E-08 ± 4.3E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.0E-04 ± 4.5E-08 | | µCi/mL | GE |

## WELL F 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 — Time: 15:05
Depth to water: 34.44 ft (10.50 m) below TOC — pH: 4.4
Water elevation: 205.38 ft (62.59 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 70 µS/cm — Water temperature: 23.5°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 1.1E-08 ± 3.2E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 1.6E-07 ± 6.7E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.8E-04 ± 2.5E-08 | | µCi/mL | GE |

## WELL F 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 — Time: 8:20
Depth to water: 47.47 ft (14.47 m) below TOC — pH: 4.8
Water elevation: 213.42 ft (65.05 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 42 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 1.1E-08 ± 3.0E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 8.3E-08 ± 5.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.8E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL FAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 — Time: 10:20
Depth to water: 81.77 ft (24.92 m) below TOC — pH: 6.9
Water elevation: 230.03 ft (70.11 m) msl — Alkalinity: 62 mg/L
Sp. conductance: 210 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | Specific conductance | 185 | JQ | µS/cm | WA |
| 0 | Specific conductance | 187 | JQ | µS/cm | WA |
| 0 | Turbidity | 221 | JQ | NTU | WA |
| 0 | Turbidity | 222 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 24 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.53 | J3 | µg/L | WA |
| 0 | Calcium | 26,900 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/l | WA |
| 0 | Chloride | 3,100 | | µg/ | WA |
| 0 | Chlorobenzene | <5.0 | | µg/ | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 2.7 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |

WELL FAC 3 collected on 08/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dichloromethane | 18 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 4.7 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 2,900 | | µg/L | WA |
| 0 | Manganese | 2.4 | | µg/L | WA |
| 0 | Mercury | 0.33 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 343 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 4,150 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 12,200 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 5,040 | | µg/L | WA |
| 0 | Sulfate | 37,200 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 153,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,850 | | µg/L | WA |
| 1 | Total organic halogens | 39 | | µg/L | WA |
| 0 | Total phosphates (as P) | 258 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 1 | Gross alpha | 1.1E-08 ± 1.4E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 1.1E-08 ± 1.2E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.3E-08 ± 4.0E-07 | | µCi/mL | CN |

## WELL FAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92 — Time: 13:45
Depth to water: 80.60 ft (24.57 m) below TOC — pH: 4.6
Water elevation: 229.30 ft (69.89 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 202 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 179 | JQ | µS/cm | WA |
| 0 | Turbidity | 5.5 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 51 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 8,910 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 5,470 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.4 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 16 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 54 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 3,720 | | µg/L | WA |
| 2 | Manganese | 504 | | µg/L | WA |
| 0 | Mercury | 0.33 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 3,680 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |

WELL FAC 4 collected on 08/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | 3,490 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,290 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 14,300 | | µg/L | WA |
| 0 | Sulfate | 46,700 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 127,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 1 | Total organic halogens | 35 | | µg/L | WA |
| 0 | Total phosphates (as P) | 214 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 1 | Gross alpha | 1.5E-08 ± 1.4E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 9.7E-09 ± 1.2E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.8E-09 ± 3.3E-10 | | µCi/mL | CN |
| 0 | Radium-228 | 2.4E-09 ± 5.3E-10 | | µCi/mL | CN |
| 0 | Tritium | 5.6E-06 ± 5.6E-07 | | µCi/mL | CN |

## WELL FAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/92
Depth to water: 88.67 ft (27.03 m) below TOC
Water elevation: 227.13 ft (69.23 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 16 gal
The well went dry during purging.

Time: 11:10
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | Specific conductance | 86 | JQ | µS/cm | WA |
| 0 | Specific conductance | 86 | JQ | µS/cm | WA |
| 0 | Turbidity | 8.2 | JQ | NTU | WA |
| 0 | Turbidity | 8.2 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 8,180 | | µg/L | WA |
| 0 | Calcium | 7,260 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,750 | | µg/L | WA |
| 0 | Chloride | 2,760 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.2 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 34 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | 1.1 | J | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 7.5 | J3 | µg/L | WA |
| 0 | Iron | 6.3 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Magnesium | 2,250 | | µg/L | WA |
| 0 | Magnesium | 1,990 | | µg/L | WA |
| 1 | Manganese | 42 | | µg/L | WA |
| 1 | Manganese | 37 | | µg/L | WA |
| 0 | Mercury | 0.39 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 2 | Nitrate as nitrogen | 276,000 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 3,920 | | µg/L | WA |
| 0 | Potassium | 3,160 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | 2.4 | J3 | µg/L | WA |

WELL FAC 5 collected on 09/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silica | 7,150 | | µg/L | WA |
| 0 | Silica | 6,190 | | µg/L | WA |
| 0 | Silver | 1.4 | J3 | µg/L | WA |
| 0 | Silver | 1.9 | J3 | µg/L | WA |
| 0 | Sodium | 5,860 | | µg/L | WA |
| 0 | Sodium | 4,950 | | µg/L | WA |
| 0 | Sulfate | 25,800 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 43,000 | | µg/L | WA |
| 0 | Total organic carbon | 947 | | µg/L | WA |
| 1 | Total organic halogens | 41 | | µg/L | WA |
| 0 | Total phosphates (as P) | 52 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 1 | Gross alpha | 1.3E-08 ± 8.2E-10 | | µCi/mL | CN |
| 1 | Nonvolatile beta | 2.5E-08 ± 9.7E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.4E-09 ± 4.9E-10 | | µCi/mL | CN |
| 0 | Tritium | 1.8E-06 ± 4.7E-07 | | µCi/mL | CN |

## WELL FAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92
Depth to water: 89.82 ft (27.32 m) below TOC
Water elevation: 222.88 ft (67.93 m) msl
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 9:30
pH: 5.6
Alkalinity: 5 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | Specific conductance | 62 | JQ | µS/cm | WA |
| 0 | Turbidity | 50 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 12 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 2,850 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 3,090 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 18 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 8.2 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 831 | | µg/L | WA |
| 0 | Manganese | 15 | | µg/L | WA |
| 0 | Mercury | 0.24 | | µg/L | WA |
| 0 | Mercury | 0.27 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 188 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,140 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,010 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 4,980 | | µg/L | WA |
| 0 | Sulfate | 8,210 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 56,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 2 | Total organic halogens | 124 | | µg/L | WA |
| 0 | Total phosphates (as P) | 490 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |

WELL FAC 6 collected on 08/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.5E-06 ± 4.4E-07 | | µCi/mL | CN |
| 0 | Tritium | 2.3E-06 ± 4.7E-07 | | µCi/mL | CN |

## WELL FAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/92
Depth to water: 83.48 ft (25.45 m) below TOC
Water elevation: 226.52 ft (69.65 m) msl
Sp. conductance: 46 µS/cm
Water evacuated before sampling: 16 gal
The well went dry during purging.

Time: 10:05
pH: 5.2
Alkalinity: 4 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 47 | JQ | µS/cm | WA |
| 0 | Turbidity | 8.0 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.3 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 5,700 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,910 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 11 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 5.8 | J3 | µg/L | WA |
| 0 | Lead | 3.5 | J3 | µg/L | WA |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Magnesium | 357 | | µg/L | WA |
| 0 | Manganese | 9.2 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 2 | Nitrate as nitrogen | 77,800 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,160 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,640 | | µg/L | WA |
| 0 | Silver | 0.78 | J3 | µg/L | WA |
| 0 | Sodium | 5,330 | | µg/L | WA |
| 0 | Sulfate | 5,630 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 41,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 1 | Total organic halogens | 28 | | µg/L | WA |
| 0 | Total phosphates (as P) | 37 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.0E-09 ± 2.4E-10 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.9E-06 ± 4.7E-07 | | µCi/mL | CN |
| 0 | Tritium | 2.4E-06 ± 4.9E-07 | | µCi/mL | CN |

## WELL FAC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/92
Depth to water: 80.63 ft (24.58 m) below TOC
Water elevation: 230.37 ft (70.22 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 32 gal
The well went dry during purging.

Time: 9:05
pH: 5.6
Alkalinity: 11 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | Specific conductance | 51 | JQ | µS/cm | WA |
| 0 | Turbidity | 1.1 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 4,810 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 3,100 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 34 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | 1.5 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 2.8 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Magnesium | 216 | | µg/L | WA |
| 0 | Manganese | 12 | | µg/L | WA |
| 0 | Mercury | 0.31 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,140 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,430 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,770 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 15,400 | | µg/L | WA |
| 0 | Sulfate | 4,080 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 6,000 | | µg/L | WA |
| 0 | Total dissolved solids | 6,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 23 | | µg/L | WA |
| 0 | Total phosphates (as P) | 21 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.7E-06 ± 5.1E-07 | | µCi/mL | CN |

## WELL FAL 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92
Depth to water: 92.56 ft (28.21 m) below TOC
Water elevation: 220.34 ft (67.16 m) msl
Sp. conductance: 178 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 12:15
pH: 6.6
Alkalinity: 58 mg/L
Water temperature: 24.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.5 | JQ | pH | GE |
| 0 | Specific conductance | 150 | | µS/cm | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |

WELL FAL 1 collected on 09/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Calcium | 18,800 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,890 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 7,080 | | µg/L | GE |
| 0 | Manganese | 5.9 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,380 | | µg/L | GE |
| 0 | Silica | 13,700 | | µg/L | GE |
| 0 | Sodium | 9,340 | | µg/L | GE |
| 0 | Sulfate | 2,980 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 5.9 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 10 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.6 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL FAL 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92
Depth to water: 93.53 ft (28.51 m) below TOC
Water elevation: 218.57 ft (66.62 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 12:40
pH: 5.6
Alkalinity: 5 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | Specific conductance | 38 | | µS/cm | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Calcium | 1,740 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,570 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 2 | 1,2-Dichloroethane | 21 | | µg/L | GE |

WELL FAL 2 collected on 09/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 20 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 115 | J2 | µg/L | GE |
| 2 | Lead | 177 | | µg/L | GE |
| 0 | Magnesium | 571 | | µg/L | GE |
| 2 | Manganese | 54 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 240 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Silica | 14,900 | | µg/L | GE |
| 0 | Sodium | 4,210 | | µg/L | GE |
| 0 | Sulfate | 4,660 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 1 | Total organic halogens | 25 | | µg/L | GE |
| 0 | Total phosphates (as P) | 2,190 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 15 | | µg/L | GE |
| 2 | Trichlorofluoromethane | 24 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 5.3E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.9E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL FBP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92
Depth to water: 79.71 ft (24.30 m) below TOC
Water elevation: 208.19 ft (63.46 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 122 gal

Time: 14:55
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Nonvolatile beta | 1.5E-08 ± 2.4E-09 | | µCi/mL | GE |

## WELL FBP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92
Depth to water: 95.22 ft (29.02 m) below TOC
Water elevation: 193.88 ft (59.10 m) msl
Sp. conductance: 92 µS/cm
Water evacuated before sampling: 149 gal

Time: 15:30
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Total organic halogens | 91 | | µg/L | GE |
| 0 | Nonvolatile beta | 7.9E-09 ± 1.9E-09 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL FBP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92 — Time: 16:05
Depth to water: 96.61 ft (29.45 m) below TOC — pH: 4.9
Water elevation: 196.29 ft (59.83 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 55 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 145 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | 7.1 | | µg/L | GE |
| 0 | Nonvolatile beta | 2.9E-09 ± 1.7E-09 | | µCi/mL | GE |

## WELL FBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92 — Time: 16:35
Depth to water: 73.03 ft (22.26 m) below TOC — pH: 4.8
Water elevation: 213.27 ft (65.01 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |

## WELL FCA 1N

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 — Time: 9:50
Depth to water: 13.43 ft (4.09 m) below TOC — pH: 7.4
Water elevation: 296.87 ft (91.10 m) msl — Alkalinity: 82 mg/L
Sp. conductance: 233 µS/cm — Water temperature: 25.0°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | 9.8 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 36,800 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 21 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,600 | | µg/L | GE |
| 0 | Manganese | 6.9 | | µg/L | GE |
| 0 | Potassium | 7,870 | | µg/L | GE |
| 0 | Silica | 11,500 | | µg/L | GE |
| 0 | Sodium | 5,730 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

## WELL FCA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 — Time: 14:00
Depth to water: 13.97 ft (4.26 m) below TOC — pH: 7.5
Water elevation: 296.23 ft (90.90 m) msl — Alkalinity: 47 mg/L
Sp. conductance: 310 µS/cm — Water temperature: 25.7°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 1 | Total organic carbon | 5,840 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

## WELL FCA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 — Time: 13:10
Depth to water: 85.07 ft (25.93 m) below TOC — pH: 4.0
Water elevation: 227.13 ft (69.23 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 104 µS/cm — Water temperature: 26.1°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 72 | | µS/cm | GE |
| 0 | Specific conductance | 72 | | µS/cm | GE |
| 0 | Barium | 21 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,700 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloride | 2,680 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Fluoride | 121 | | µg/L | GE |
| 0 | Fluoride | 128 | | µg/L | GE |
| 0 | Iron | 4.7 | | µg/L | GE |
| 2 | Lead | 15 | | µg/L | GE |
| 0 | Magnesium | 2,540 | | µg/L | GE |
| 2 | Manganese | 70 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 10,300 | | µg/L | GE |
| 0 | Potassium | 1,540 | | µg/L | GE |
| 0 | Silica | 11,500 | | µg/L | GE |
| 0 | Sodium | 3,490 | | µg/L | GE |
| 0 | Sulfate | 1,600 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |

WELL FCA 2D collected on 09/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | 1,950 | | µg/L | GE |
| 2 | Total organic halogens | 148 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 157 | | µg/L | GE |
| 2 | Trichlorofluoromethane | 141 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 5.1E-08 ± 5.9E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 2 | Nonvolatile beta | 6.3E-08 ± 4.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.7E-09 ± 1.3E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL FCA 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 Time: 16:05
The well was dry.

## WELL FCA 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/92 Time: 15:10
Inaccessibility or mechanical problem prevented sample collection.

## WELL FCA 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 Time: 15:00
Depth to water: 84.92 ft (25.88 m) below TOC pH: 5.5
Water elevation: 226.98 ft (69.18 m) msl Alkalinity: 1 mg/L
Sp. conductance: 59 µS/cm Water temperature: 25.0°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 55 | | µS/cm | GE |
| 0 | Barium | 5.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 738 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 4,850 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 16 | | µg/L | GE |
| 0 | Lead | 4.5 | | µg/L | GE |
| 0 | Magnesium | 304 | | µg/L | GE |
| 0 | Manganese | 5.0 | | µg/L | GE |

WELL FCA 9D collected on 09/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 4,300 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Silica | 5,250 | | µg/L | GE |
| 0 | Sodium | 8,630 | | µg/L | GE |
| 0 | Sulfate | 2,350 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,370 | | µg/L | GE |
| 0 | Total organic halogens | 22 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.6E-08 | | µCi/mL | EM |
| 0 | Cerium-141 | <1.3E-08 | | µCi/mL | EM |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.4E-08 | | µCi/mL | EM |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.3E-08 | | µCi/mL | EM |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.4E-08 | | µCi/mL | EM |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-58 | <1.1E-08 | | µCi/mL | EM |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.3E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 9.0E-09 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 7.4E-09 ± 3.5E-09 | | µCi/mL | EM |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.5E-08 | | µCi/mL | EM |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 1 | Nonvolatile beta | 3.3E-08 ± 3.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.3E-08 ± 2.9E-09 | | µCi/mL | EM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-141 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-103 | <1.2E-08 | | µCi/mL | EM |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 2 | Strontium-89/90 | 1.6E-08 ± 3.3E-09 | | µCi/mL | EM |
| 2 | Strontium-90 | 8.9E-09 ± 1.3E-09 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 7.4E-09 ± 1.7E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 6.4E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.7E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.5E-08 | | µCi/mL | EM |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FCA 9DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 Time: 14:25
Depth to water: 84.84 ft (25.86 m) below TOC
Inaccessibility or mechanical problem prevented sample collection.

# ANALYTICAL RESULTS

## WELL FCA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 — Time: 10:20
Depth to water: 85.02 ft (25.91 m) below TOC — pH: 5.2
Water elevation: 226.78 ft (69.12 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 181 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 0 | Barium | 51 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,280 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 5,720 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 4,090 | | µg/L | GE |
| 2 | Manganese | 58 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,080 | | µg/L | GE |
| 0 | Potassium | 17,300 | | µg/L | GE |
| 0 | Silica | 12,400 | | µg/L | GE |
| 0 | Sodium | 11,200 | | µg/L | GE |
| 0 | Sulfate | 8,380 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | 1,180 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 4.4E-08 ± 5.7E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 1 | Nonvolatile beta | 4.2E-08 ± 3.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 3.2E-08 ± 4.4E-09 | | µCi/mL | GE |
| 0 | Tritium | 6.5E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL FCA 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 — Time: 16:00
The well was dry.

## WELL FCA 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/92 — Time: 15:15
The well was dry.

## WELL FCA 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 — Time: 14:35
Depth to water: 84.38 ft (25.72 m) below TOC — pH: 5.3
Water elevation: 226.92 ft (69.17 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 71 µS/cm — Water temperature: 25.4°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 55 | | µS/cm | GE |
| 0 | Barium | 6.8 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,500 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,770 | | µg/L | GE |
| 0 | Chloride | 2,710 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 3.8 | | µg/L | GE |
| 0 | Magnesium | 348 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,200 | | µg/L | GE |
| 0 | Potassium | 1,310 | | µg/L | GE |
| 0 | Silica | 7,670 | | µg/L | GE |
| 0 | Sodium | 8,810 | | µg/L | GE |
| 0 | Sulfate | 5,770 | | µg/L | GE |
| 0 | Sulfate | 6,160 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.2 | | µg/L | GE |
| 0 | Total organic halogens | 5.6 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Tritium | 5.6E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FCA 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 — Time: 11:05
Depth to water: 85.57 ft (26.08 m) below TOC — pH: 5.4
Water elevation: 226.63 ft (69.06 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 61 µS/cm — Water temperature: 28.4°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 65 | | µS/cm | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,840 | | µg/L | GE |

WELL FCA 16A collected on 09/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,550 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 292 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | 1,170 | | µg/L | GE |
| 0 | Silica | 6,870 | | µg/L | GE |
| 0 | Sodium | 6,720 | | µg/L | GE |
| 0 | Sulfate | 1,330 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.1 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 5.4 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.7 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 7.3E-09 ± 2.2E-09 | | µCi/mL | GE |
| 1 | Gross alpha | 7.6E-09 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 8.4E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 8.7E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 3.1E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL FCA 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 — Time: 11:25
Depth to water: 14.90 ft (4.45 m) below TOC — pH: 6.5
Water elevation: 297.50 ft (90.68 m) msl — Alkalinity: 61 mg/L
Sp. conductance: 190 µS/cm — Water temperature: 28.1°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 0 | Barium | 66 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 1 | Cadmium | 2.9 | | µg/L | GE |
| 0 | Calcium | 26,600 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,740 | | µg/L | GE |
| 0 | Chloride | 1,780 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |

WELL FCA 16B collected on 09/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 21 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,550 | | µg/L | GE |
| 0 | Manganese | 6.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 400 | | µg/L | GE |
| 0 | Potassium | 3,430 | | µg/L | GE |
| 0 | Silica | 7,190 | | µg/L | GE |
| 0 | Sodium | 3,670 | | µg/L | GE |
| 0 | Sulfate | 14,800 | | µg/L | GE |
| 0 | Sulfate | 14,700 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 150 | | µg/L | GE |
| 0 | Total phosphates (as P) | 150 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

## WELL FCA 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 — Time: 9:00
Depth to water: 84.18 ft (25.66 m) below TOC — pH: 6.2
Water elevation: 226.52 ft (69.04 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 168 µS/cm — Water temperature: 22.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 0 | Barium | 39 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 12,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,430 | | µg/L | GE |
| 0 | Chloride | 3,410 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 5.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,120 | | µg/L | GE |
| 1 | Manganese | 43 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 18,000 | | µg/L | GE |
| 0 | Potassium | 2,450 | | µg/L | GE |
| 0 | Silica | 6,940 | | µg/L | GE |
| 0 | Sodium | 15,300 | | µg/L | GE |
| 0 | Sulfate | 1,710 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | 2,510 | | µg/L | GE |
| 2 | Total organic halogens | 54 | | µg/L | GE |
| 1 | Total organic halogens | 48 | | µg/L | GE |
| 0 | Total phosphates (as P) | 400 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 68 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.1 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

WELL FCA 16D collected on 09/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cerium-144 | <6.0E-06 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-06 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-06 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-06 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-06 | | µCi/mL | GP |
| 2 | Gross alpha | 1.5E-06 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-06 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.4E-06 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-06 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-06 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-06 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-06 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total activity | 3.5E-04 ± 4.5E-06 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.7E-06 ± 3.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.9E-04 ± 2.6E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-06 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-06 | | µCi/mL | GP |

## WELL FCA 16T

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 Time: 16:35
The well was dry.

## WELL FCA 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 Time: 13:45
Depth to water: 93.03 ft (28.36 m) below TOC pH: 7.8
Water elevation: 218.57 ft (66.62 m) msl Alkalinity: 76 mg/L
Sp. conductance: 223 µS/cm Water temperature: 25.2°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.3 | JQ | pH | GE |
| 0 | Specific conductance | 190 | | µS/cm | GE |
| 0 | Barium | 43 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 19,600 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloride | 1,340 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Fluoride | 205 | | µg/L | GE |
| 0 | Iron | 17 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 609 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 120 | | µg/L | GE |
| 0 | Potassium | 21,900 | | µg/L | GE |
| 0 | Silica | 5,130 | | µg/L | GE |
| 0 | Sodium | 18,900 | | µg/L | GE |
| 0 | Sulfate | 7,620 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 84 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 37 | | µg/L | GE |
| 2 | Trichlorofluoromethane | 151 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |

WELL FCA 19D collected on 09/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.4E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 1.8E-06 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.2E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 4.6E-08 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL FCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 14:45
Depth to water: 76.61 ft (23.35 m) below TOC pH: 4.6
Water elevation: 230.69 ft (70.32 m) msl Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 67 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 332 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,680 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 4.6 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 4.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 20 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 314 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 160 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,560 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,340 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 21,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 2.9E-09 ± 1.7E-09 | | µCi/mL | GE |

WELL FCB 2 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 6.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL FCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92
Depth to water: 79.03 ft (24.09 m) below TOC
Water elevation: 223.27 ft (68.05 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 91 gal
Time: 14:00
pH: 5.5
Alkalinity: 13 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 69 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 9,360 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,100 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 4.5 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 24 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,420 | | µg/L | GE |
| 0 | Manganese | 5.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,120 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,390 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,440 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |

WELL FCB 3 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 57,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.2 | | µg/L | GE |
| 0 | Total organic halogens | 8.5 | | µg/L | GE |
| 0 | Total phosphates (as P) | 150 | | µg/L | GE |
| 0 | Total phosphates (as P) | 160 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 4.7E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.5E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.3E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.4E-08 ± 6.0E-07 | | µCi/mL | GE |

## WELL FCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92
Depth to water: 95.82 ft (29.21 m) below TOC
Water elevation: 210.78 ft (64.25 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.
Time: 11:30
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 975 | | µg/L | GE |
| 0 | Calcium | 977 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,470 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 35 | | µg/L | GE |
| 0 | Copper | 35 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 376 | | µg/L | GE |
| 2 | Iron | 379 | | µg/L | GE |
| 0 | Lead | 5.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 397 | | µg/L | GE |
| 0 | Magnesium | 404 | | µg/L | GE |
| 1 | Manganese | 37 | | µg/L | GE |
| 1 | Manganese | 37 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,680 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,440 | | µg/L | GE |
| 0 | Silica | 7,550 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,040 | | µg/L | GE |
| 0 | Sodium | 4,080 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL FCB 4 collected on 08/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 25,000 | | µg/L | GE |
| 0 | Total dissolved solids | 26,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 6.5E-08 ± 8.0E-07 | | µCi/mL | GE |

## WELL FCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92
Depth to water: 74.07 ft (22.58 m) below TOC
Water elevation: 229.83 ft (70.05 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 8:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 23 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 681 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,350 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 8.9 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 1 | Iron | 228 | | µg/L | GE |
| 0 | Lead | 3.5 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 432 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,070 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,810 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 23,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 22,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.8E-08 ± 7.0E-07 | | µCi/mL | GE |

WELL FCB 5 collected on 08/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Tritium | 1.0E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL FCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92
Depth to water: 80.35 ft (24.49 m) below TOC
Water elevation: 230.15 ft (70.15 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 1 gal
The well went dry during purging.

Time: 8:55
pH: 8.1
Alkalinity: 22 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | Specific conductance | 89 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 7,400 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,840 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 20 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 1 | Lead | 8.7 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 457 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | 0.76 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 914 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,850 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,740 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,270 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.5 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.8 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 48,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |

WELL FCB 6 collected on 08/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 3.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 4.1 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.3E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.5E-08 ± 6.0E-07 | | µCi/mL | GE |

## WELL FCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 15:00
The well was dry.

## WELL FET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 Time: 8:00
Depth to water: 45.80 ft (13.90 m) below TOC pH: 5.1
Water elevation: 224.40 ft (68.40 m) msl Alkalinity: 1 mg/L
Sp. conductance: 73 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

## WELL FET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 12:20
Depth to water: 46.81 ft (14.27 m) below TOC pH: 4.8
Water elevation: 223.19 ft (68.03 m) msl Alkalinity: 0 mg/L
Sp. conductance: 47 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

## WELL FET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 12:35
Depth to water: 62.04 ft (18.91 m) below TOC pH: 5.0
Water elevation: 223.16 ft (68.02 m) msl Alkalinity: 0 mg/L
Sp. conductance: 65 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

## WELL FET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 13:00
Depth to water: 63.32 ft (19.30 m) below TOC pH: 4.8
Water elevation: 223.56 ft (68.15 m) msl Alkalinity: 0 mg/L
Sp. conductance: 50 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

## WELL FNB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 12:00
Depth to water: 71.99 ft (21.94 m) below TOC pH: 4.4
Water elevation: 212.31 ft (64.71 m) msl Alkalinity: 0 mg/L
Sp. conductance: 68 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 92 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | 6.9 | | µg/L | GE |
| 0 | Lead | 7.1 | | µg/L | GE |
| 0 | Magnesium | 1,740 | | µg/L | GE |
| 0 | Manganese | 23 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,800 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.1 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 14 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.5E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.8E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.5E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 6.0E-05 ± 1.2E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL FNB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 — Time: 12:25
Depth to water: 79.69 ft (24.29 m) below TOC — pH: 3.8
Water elevation: 208.11 ft (63.43 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 133 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | 4.7 | | µg/L | GE |
| 0 | Magnesium | 1,260 | | µg/L | GE |
| 2 | Manganese | 190 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 11,900 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.3 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 4.4 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 4.6E-08 ± 5.8E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 2 | Nonvolatile beta | 2.0E-07 ± 7.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 6.4E-09 ± 1.8E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.1E-04 ± 1.6E-08 | | µCi/mL | GE |
| 2 | Uranium-234 | 1.6E-08 ± 1.7E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 2 | Uranium-238 | 2.0E-08 ± 2.1E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL FNB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 — Time: 13:05
Depth to water: 73.35 ft (22.36 m) below TOC — pH: 4.2
Water elevation: 210.65 ft (64.21 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 116 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |

WELL FNB 3 collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.1 | J2 | µg/L | GE |
| 0 | Dichloromethane | 3.2 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | 4.8 | | µg/L | GE |
| 0 | Magnesium | 2,710 | | µg/L | GE |
| 2 | Manganese | 158 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 11,600 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.1 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 1.9E-08 ± 3.7E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 2 | Nonvolatile beta | 7.6E-08 ± 4.8E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 4.9E-09 ± 1.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.3E-05 ± 1.4E-08 | | µCi/mL | GE |
| 0 | Uranium-234 | 3.9E-09 ± 4.5E-10 | | µCi/mL | GP |
| 0 | Uranium-234 | 3.8E-09 ± 4.7E-10 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | 5.1E-09 ± 5.7E-10 | | µCi/mL | GP |
| 0 | Uranium-238 | 4.7E-09 ± 5.7E-10 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL FNB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 — Time: 13:40
Depth to water: 75.86 ft (23.12 m) below TOC — pH: 4.4
Water elevation: 215.64 ft (65.73 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 95 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |

WELL FNB 4 collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.4 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.1 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 544 | | µg/L | GE |
| 0 | Magnesium | 520 | | µg/L | WA |
| 0 | Manganese | 5.6 | | µg/L | GE |
| 0 | Manganese | 6.2 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 715 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,080 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,040 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 5.5 | J2 | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.3E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Gross alpha | 3.6E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.0E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |

WELL FNB 4 collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Radium-226 | 2.9E-09 ± 9.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.2E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 4.6E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 4.9E-06 ± 3.0E-07 | | µCi/mL | TM |
| 0 | Tritium | 5.3E-06 ± 3.0E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL FNB 4 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92
Depth to water: 75.86 ft (23.12 m) below TOC
Water elevation: 215.64 ft (65.73 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 85 gal
Time: 13:40
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.8 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.9 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 543 | | µg/L | GE |
| 0 | Magnesium | 493 | | µg/L | WA |
| 0 | Manganese | 5.6 | | µg/L | GE |
| 0 | Manganese | 6.5 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 671 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,070 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |

WELL FNB 4 collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 5.3 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 4.8E-09 ± 1.8E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.0E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 2.0E-09 ± 5.7E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 3.5E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-226 | <8.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.1E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 4.7E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 4.9E-08 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 5.3E-08 ± 4.7E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL FSB 1TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 12:30
Inaccessibility or mechanical problem prevented sample collection.

## WELL FSB 1TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92 Time: 11:20
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity: 5 mg/L
Sp. conductance: 56 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 900 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |

WELL FSB 1TA collected on 07/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,370 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,560 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 4.5 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 1,180 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 414 | | µg/L | GE |
| 0 | Manganese | 21 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 660 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 971 | | µg/L | GE |
| 0 | Sulfate | 10,200 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 35,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 90 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 2.4E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.5E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 75.72 ft (23.08 m) below TOC
Water elevation: 218.48 ft (66.59 m) msl
Sp. conductance: 106 µS/cm
Water evacuated before sampling: 84 gal
Time: 8:25
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 85 | | µS/cm | GE |
| 2 | Aluminum | 118 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,120 | | µg/L | GE |
| 0 | Chloride | 2,710 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 1 | Copper | 703 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 8.9 | | µg/L | GE |
| 2 | Lead | 53 | | µg/L | GE |
| 0 | Magnesium | 1,580 | | µg/L | GE |
| 0 | Manganese | 7.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 8.3 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 9,800 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,320 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,300 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 68,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 448 | | µg/L | GE |
| 0 | Total phosphates (as P) | 454 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 255 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 6.1E-04 ± 5.7E-06 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 5.0E-09 ± 1.9E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.8E-04 ± 3.8E-06 | | µCi/mL | GE |

## WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 137.98 ft (42.06 m) below TOC
Water elevation: 155.92 ft (47.52 m) msl
Sp. conductance: 133 µS/cm
Water evacuated before sampling: 312 gal
Time: 9:05
pH: 7.1
Alkalinity: 47 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Specific conductance | 120 | | µS/cm | GE |
| 0 | Aluminum | 22 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 26 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 21,100 | | µg/L | GE |
| 0 | Chloride | 2,320 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.5 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 133 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 843 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | 1,450 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 27,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |

WELL FSB 76A collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium | 2,000 | | µg/L | GE |
| 0 | Sulfate | 8,050 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 85,000 | | µg/L | GE |
| 0 | Total dissolved solids | 86,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 370 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 8.3 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 141.81 ft (43.22 m) below TOC
Water elevation: 151.99 ft (46.33 m) msl
Sp. conductance: 132 µS/cm
Water evacuated before sampling: 139 gal
Time: 9:25
pH: 6.6
Alkalinity: 50 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | Specific conductance | 130 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 24,100 | | µg/L | GE |
| 0 | Chloride | 2,230 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 6.7 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 129 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 703 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 660 | | µg/L | GE |
| 0 | Potassium | 672 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 20,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,630 | | µg/L | GE |
| 0 | Sulfate | 2,980 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 83,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 390 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 80.03 ft (24.39 m) below TOC
Water elevation: 213.57 ft (65.10 m) msl
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 154 gal
Time: 10:05
pH: 5.8
Alkalinity: 14 mg/L
Water temperature: 23.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.8 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 6,140 | | µg/L | GE |
| 0 | Chloride | 2,440 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |

WELL FSB 76C collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 8.5 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 373 | | µg/L | GE |
| 0 | Manganese | 4.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,330 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,760 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,030 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 21 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.9E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92
Depth to water: 65.64 ft (20.01 m) below TOC
Water elevation: 207.66 ft (63.30 m) msl
Sp. conductance: 1184 µS/cm
Water evacuated before sampling: 56 gal
Time: 9:40
pH: 3.8
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.5 | JQ | pH | GE |
| 2 | Specific conductance | 980 | | µS/cm | GE |
| 2 | Aluminum | 31,000 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 148 | | µg/L | GE |
| 1 | Cadmium | 4.7 | | µg/L | GE |
| 0 | Calcium | 2,210 | J2 | µg/L | GE |
| 0 | Chloride | 2,660 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 9.7 | | µg/L | GE |
| 0 | Copper | 39 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 628 | | µg/L | GE |
| 0 | Iron | 52 | | µg/L | GE |
| 2 | Lead | 19 | | µg/L | GE |
| 0 | Magnesium | 1,430 | | µg/L | GE |
| 2 | Manganese | 591 | | µg/L | GE |
| 2 | Mercury | 3.6 | | µg/L | GE |
| 0 | Nickel | 17 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 151,000 | | µg/L | GE |
| 0 | Potassium | 660 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 17,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 43,000 | | µg/L | GE |
| 0 | Sulfate | 3,990 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 467,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 2 | Uranium | 1,300 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 40 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 6.7E-07 ± 2.1E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.1E-08 ± 4.0E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |

WELL FSB 77 collected on 07/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 8.7E-03 ± 7.0E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 7.4E-08 ± 6.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.5E-03 ± 1.4E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92
Depth to water: 63.35 ft (19.31 m) below TOC
Water elevation: 209.25 ft (63.78 m) msl
Sp. conductance: 2380 µS/cm
Water evacuated before sampling: 57 gal
Time: 8:40
pH: 3.5
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.2 | JQ | pH | GE |
| 2 | Specific conductance | 2,100 | | µS/cm | GE |
| 2 | Aluminum | 54,700 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 385 | | µg/L | GE |
| 2 | Cadmium | 11 | | µg/L | GE |
| 0 | Calcium | 2,150 | J2 | µg/L | GE |
| 0 | Chloride | 1,800 | | µg/L | GE |
| 0 | Chromium | 8.0 | | µg/L | GE |
| 0 | Cobalt | 19 | | µg/L | GE |
| 0 | Copper | 51 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 142 | | µg/L | GE |
| 0 | Iron | 89 | | µg/L | GE |
| 0 | Lead | 5.8 | | µg/L | GE |
| 0 | Magnesium | 1,870 | | µg/L | GE |
| 2 | Manganese | 1,850 | | µg/L | GE |
| 1 | Mercury | 1.1 | | µg/L | GE |
| 0 | Nickel | 31 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 355,000 | | µg/L | GE |
| 0 | Potassium | 5,620 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 140,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 878,000 | | µg/L | GE |
| 0 | Sulfate | 84,900 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 1.8E+06 | | µg/L | GE |
| 0 | Total organic carbon | 3,210 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 2 | Uranium | 2,590 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 110 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cesium-137 | 2.2E-07 ± 7.7E-09 | | µCi/mL | GP |
| 2 | Cesium-137 | 2.1E-07 ± 3.1E-08 | | µCi/mL | EM |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 8.1E-07 ± 3.9E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.7E-08 ± 5.9E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.0E-02 ± 1.1E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 5.3E-08 ± 5.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.9E-02 ± 2.1E-05 | | µCi/mL | GE |
| 2 | Tritium | 2.0E-02 ± 2.1E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 9:10
Depth to water: 116.41 ft (35.48 m) below TOC — pH: 6.3
Water elevation: 156.19 ft (47.61 m) msl — Alkalinity: 38 mg/L
Sp. conductance: 108 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 339 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | Specific conductance | 103 | | µS/cm | GE |
| 0 | Specific conductance | 103 | | µS/cm | GE |
| 0 | Specific conductance | 103 | JQ | µS/cm | WA |
| 0 | Specific conductance | 103 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | 22 | J3 | µg/L | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 23 | | µg/L | GE |
| 0 | Barium | 22 | J3 | µg/L | WA |
| 0 | Barium | 21 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | 0.47 | J3 | µg/L | WA |
| 0 | Calcium | 18,600 | | µg/L | GE |
| 0 | Calcium | 18,500 | | µg/L | WA |
| 0 | Chloride | 2,170 | | µg/L | GE |
| 0 | Chloride | 2,800 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Cyanide | 6.1 | | µg/L | WA |
| 0 | Fluoride | 119 | | µg/L | GE |
| 0 | Fluoride | 185 | | µg/L | WA |
| 0 | Fluoride | 135 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 6.6 | J3 | µg/L | WA |
| 0 | Iron | 7.4 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 646 | | µg/L | GE |
| 0 | Magnesium | 611 | | µg/L | WA |
| 0 | Magnesium | 608 | | µg/L | WA |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Manganese | 2.8 | | µg/L | WA |
| 0 | Manganese | 2.4 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 295 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 290 | | µg/L | GE |
| 0 | Potassium | 967 | | µg/L | GE |
| 0 | Potassium | 1,020 | | µg/L | WA |
| 0 | Potassium | 1,010 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 27,100 | | µg/L | GE |
| 0 | Silica | 24,800 | | µg/L | WA |
| 0 | Silica | 25,100 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 1.8 | J3 | µg/L | WA |
| 0 | Silver | 0.85 | J3 | µg/L | WA |
| 0 | Sodium | 1,880 | | µg/L | GE |
| 0 | Sodium | 1,720 | | µg/L | WA |
| 0 | Sodium | 1,720 | | µg/L | WA |
| 0 | Sulfate | 6,370 | | µg/L | GE |
| 0 | Sulfate | 6,840 | | µg/L | WA |
| 0 | Sulfate | 6,510 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Total dissolved solids | 77,000 | | µg/L | GE |

WELL FSB 78A collected on 07/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 117,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 587 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 172 | | µg/L | GE |
| 0 | Total phosphates (as P) | 177 | | µg/L | WA |
| 0 | Total phosphates (as P) | 192 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 3.4 | | µg/L | GE |
| 0 | Zinc | 4.8 | | µg/L | WA |
| 0 | Zinc | 5.3 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.1E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | <9.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.0E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <1.6E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 4.0E-10 ± 2.6E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 9.3E-10 ± 6.6E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 6.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 1.6E-08 | | µCi/mL | TM |
| 1 | Tritium | 1.2E-05 ± 1.6E-08 | | µCi/mL | TM |

## WELL FSB 78A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 9:10
Depth to water: 116.41 ft (35.48 m) below TOC — pH: 6.3
Water elevation: 156.19 ft (47.61 m) msl — Alkalinity: 38 mg/L
Sp. conductance: 108 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 339 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | pH | 6.5 | JQ | pH | WA |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Specific conductance | 99 | JQ | µS/cm | WA |
| 0 | Aluminum | 23 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 2 | Antimony | 9.0 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 23 | | µg/L | GE |
| 0 | Barium | 20 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.53 | J3 | µg/L | WA |
| 0 | Calcium | 18,600 | | µg/L | GE |
| 0 | Calcium | 17,900 | | µg/L | WA |
| 0 | Chloride | 2,140 | | µg/L | GE |
| 0 | Chloride | 3,090 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | 114 | | µg/L | GE |
| 0 | Fluoride | 123 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 3.2 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 666 | | µg/L | GE |
| 0 | Magnesium | 596 | | µg/L | WA |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Manganese | 3.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | 0.21 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 286 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 310 | | µg/L | GE |
| 0 | Potassium | 956 | | µg/L | GE |
| 0 | Potassium | 722 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 26,900 | | µg/L | GE |
| 0 | Silica | 24,100 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,960 | | µg/L | GE |
| 0 | Sodium | 1,570 | | µg/L | WA |
| 0 | Sulfate | 6,380 | | µg/L | GE |

WELL FSB 78A collected on 07/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sulfate | 6,840 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Total dissolved solids | 75,000 | | µg/L | GE |
| 0 | Total dissolved solids | 97,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 18 | | µg/L | WA |
| 0 | Total phosphates (as P) | 215 | | µg/L | GE |
| 0 | Total phosphates (as P) | 184 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.68 | | µg/L | WA |
| 0 | Zinc | 3.7 | | µg/L | GE |
| 0 | Zinc | 3.3 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.9E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.1E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.2E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 3.7E-10 ± 2.3E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 7.9E-10 ± 8.3E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 6.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 1.6E-06 | | µCi/mL | TM |

## WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 8:20
Depth to water: 116.22 ft (36.03 m) below TOC — pH: 7.1
Water elevation: 154.58 ft (47.12 m) msl — Alkalinity: 66 mg/L
Sp. conductance: 231 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 189 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.5 | JQ | pH | GE |
| 0 | Specific conductance | 230 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 47 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 41,200 | | µg/L | GE |
| 0 | Chloride | 2,100 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 780 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 8,200 | | µg/L | GE |
| 0 | Potassium | 758 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 17,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,320 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 161,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.9E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Total activity | 2.3E-04 ± 3.8E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.3E-04 ± 2.2E-06 | | µCi/mL | GE |

## WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 8:55
Depth to water: 64.85 ft (19.77 m) below TOC — pH: 4.4
Water elevation: 208.65 ft (63.60 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1859 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 26 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.4 | JQ | pH | GE |
| 2 | Specific conductance | 1,500 | | µS/cm | GE |
| 2 | Aluminum | 10,600 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 419 | | µg/L | GE |
| 2 | Cadmium | 13 | | µg/L | GE |
| 0 | Calcium | 122,000 | J2 | µg/L | GE |
| 0 | Chloride | 2,660 | | µg/L | GE |
| 0 | Chromium | <8.0 | | µg/L | GE |
| 2 | Cobalt | 242 | | µg/L | GE |
| 0 | Copper | 33 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 1,820 | | µg/L | GE |
| 0 | Iron | 96 | | µg/L | GE |
| 2 | Lead | 21 | | µg/L | GE |
| 0 | Magnesium | 21,400 | | µg/L | GE |
| 2 | Manganese | 5,720 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 1 | Nickel | 98 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 295,000 | | µg/L | GE |
| 0 | Potassium | 2,720 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 13,600 | | µg/L | GE |
| 0 | Silver | <4.0 | | µg/L | GE |
| 0 | Sodium | 86,300 | | µg/L | GE |
| 0 | Sulfate | 2,340 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 1.3E+06 | | µg/L | GE |
| 0 | Total organic carbon | 2,750 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 63 | | µg/L | GE |
| 2 | Uranium | 78 | | µg/L | GE |
| 0 | Vanadium | <16 | | µg/L | GE |
| 0 | Zinc | 462 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-00 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 9.6E-08 ± 1.8E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.0E-08 ± 5.5E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 9.3E-03 ± 7.2E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 2.7E-08 ± 3.6E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.7E-03 ± 1.4E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 16:35
Depth to water: 15.50 ft (4.72 m) below TOC — pH: 3.6
Water elevation: 202.30 ft (61.66 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1251 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.5 | JQ | pH | GE |
| 2 | Specific conductance | 1,000 | | µS/cm | GE |
| 2 | Aluminum | 41,900 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 415 | | µg/L | GE |
| 1 | Cadmium | 3.6 | | µg/L | GE |
| 0 | Calcium | 1,930 | J2 | µg/L | GE |
| 0 | Chloride | 1,590 | | µg/L | GE |

WELL FSB 79 collected on 07/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 166 | | µg/L | GE |
| 0 | Copper | 31 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 215 | | µg/L | GE |
| 0 | Iron | 146 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 983 | | µg/L | GE |
| 2 | Manganese | 3,540 | | µg/L | GE |
| 0 | Mercury | 0.45 | | µg/L | GE |
| 0 | Nickel | 27 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 153,000 | | µg/L | GE |
| 0 | Potassium | 917 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 58,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 57,100 | | µg/L | GE |
| 0 | Sulfate | 11,700 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 519,000 | | µg/L | GE |
| 0 | Total organic carbon | 4,950 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 2 | Uranium | 1,150 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 64 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 4.2E-07 ± 1.8E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.1E-06 ± 2.9E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 9.2E-03 ± 7.2E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 3.5E-08 ± 4.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.2E-03 ± 1.4E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 16:15
Depth to water: 59.97 ft (18.28 m) below TOC — pH: 6.1
Water elevation: 158.13 ft (48.20 m) msl — Alkalinity: 34 mg/L
Sp. conductance: 86 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 388 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 88 | | µS/cm | GE |
| 1 | Aluminum | 33 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 22 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 14,500 | | µg/L | GE |
| 0 | Chloride | 2,060 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 548 | | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 760 | | µg/L | GE |
| 0 | Potassium | 824 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 18,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,030 | | µg/L | GE |
| 0 | Sulfate | 3,350 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 63,000 | | µg/L | GE |

WELL FSB 79A collected on 07/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 259 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 6.0E-05 ± 1.2E-06 | | µCi/mL | GE |

## WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 15:45
Depth to water: 59.84 ft (18.24 m) below TOC — pH: 6.8
Water elevation: 158.36 ft (48.27 m) msl — Alkalinity: 71 mg/L
Sp. conductance: 165 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 204 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | Specific conductance | 151 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 30 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 31,500 | | µg/L | GE |
| 0 | Chloride | 2,040 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 116 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 816 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,090 | | µg/L | GE |
| 0 | Potassium | 524 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 26,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,800 | | µg/L | GE |
| 0 | Sulfate | 2,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 111,000 | | µg/L | GE |
| 0 | Total dissolved solids | 98,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 412 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 2.1 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.8E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 16:05
Depth to water: 21.31 ft (6.50 m) below TOC — pH: 3.8
Water elevation: 197.09 ft (60.07 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1305 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 212 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.6 | JQ | pH | GE |
| 2 | Specific conductance | 1,050 | | µS/cm | GE |
| 2 | Aluminum | 25,200 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 321 | | µg/L | GE |
| 2 | Cadmium | 19 | | µg/L | GE |
| 0 | Calcium | 11,000 | J2 | µg/L | GE |
| 0 | Chloride | 2,600 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 62 | | µg/L | GE |
| 0 | Copper | 28 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 893 | | µg/L | GE |
| 0 | Iron | 9.4 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |

WELL FSB 79C collected on 07/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Magnesium | 8,720 | | µg/L | GE |
| 2 | Manganese | 1,310 | | µg/L | GE |
| 0 | Mercury | 0.23 | | µg/L | GE |
| 0 | Nickel | 22 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 174,000 | | µg/L | GE |
| 0 | Potassium | 1,340 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,520 | | µg/L | GE |
| 2 | Silica, total | 9,510 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 37,100 | | µg/L | GE |
| 0 | Sulfate | 1,160 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 572,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Tributyl phosphate | 10 | J1 | µg/L | GE |
| 2 | Uranium | 414 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 66 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 4.0E-07 ± 1.9E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 3.0E-08 ± 4.8E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 9.7E-03 ± 7.4E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 9.8E-08 ± 6.9E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.2E-03 ± 1.4E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92 — Time: 12:40
Depth to water: 133.23 ft (40.61 m) below TOC — pH: 6.3
Water elevation: 154.57 ft (47.11 m) msl — Alkalinity: 33 mg/L
Sp. conductance: 105 µS/cm — Water temperature: 25.2°C
Water evacuated before sampling: 319 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 98 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 17,300 | | µg/L | GE |
| 0 | Chloride | 2,340 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 117 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 616 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | 0.22 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 180 | | µg/L | GE |
| 0 | Potassium | 929 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 24,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,720 | | µg/L | GE |
| 0 | Sulfate | 4,770 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 72,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 300 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 4.3 | | µg/L | GE |

WELL FSB 87A collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.9E-08 ± 4.0E-07 | | µCi/mL | GE |

## WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92 — Time: 11:55
Depth to water: 136.22 ft (41.52 m) below TOC — pH: 5.7
Water elevation: 151.28 ft (46.11 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 73 µS/cm — Water temperature: 24.0°C
Water evacuated before sampling: 161 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 120 | | µS/cm | GE |
| 0 | Aluminum | 24 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.2 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 9,360 | | µg/L | GE |
| 0 | Chloride | 1,730 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.9 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 303 | | µg/L | GE |
| 0 | Fluoride | 315 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 547 | | µg/L | GE |
| 0 | Manganese | 2.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,500 | | µg/L | GE |
| 0 | Potassium | 682 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 13,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,260 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 61,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 1,100 | | µg/L | GE |
| 0 | Total phosphates (as P) | 1,250 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 8.1 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.9E-05 ± 1.2E-06 | | µCi/mL | GE |

## WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92 — Time: 13:10
Depth to water: 77.55 ft (23.64 m) below TOC — pH: 5.6
Water elevation: 209.95 ft (63.99 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 111 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 106 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 9,030 | | µg/L | GE |
| 0 | Chloride | 2,100 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 11 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,220 | | µg/L | GE |
| 0 | Manganese | 5.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 10,200 | | µg/L | GE |

WELL FSB 87C collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Nitrate-nitrite as nitrogen | 10,200 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,160 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 8,200 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 86,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 19 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.8E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.4E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total activity | 6.4E-04 ± 5.6E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 6.1E-04 ± 3.7E-06 | | µCi/mL | GE |
| 2 | Tritium | 6.1E-04 ± 3.6E-06 | | µCi/mL | GE |

## WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 74.47 ft (22.70 m) below TOC
Water elevation: 212.83 ft (64.87 m) msl
Sp. conductance: 87 µS/cm
Water evacuated before sampling: 87 gal
Time: 11:45
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 24.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.1 | JQ | pH | GE |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 2 | Aluminum | 1,100 | | µg/L | GE |
| 2 | Aluminum | 1,100 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Cadmium | 2.4 | | µg/L | GE |
| 1 | Cadmium | 2.6 | | µg/L | GE |
| 0 | Calcium | 1,310 | J2 | µg/L | GE |
| 0 | Calcium | 1,310 | J2 | µg/L | GE |
| 0 | Chloride | 800 | | µg/L | GE |
| 0 | Chloride | 760 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 438 | | µg/L | GE |
| 0 | Copper | 439 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 23 | | µg/L | GE |
| 0 | Iron | 23 | | µg/L | GE |
| 2 | Lead | 17 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 595 | | µg/L | GE |
| 0 | Magnesium | 595 | | µg/L | GE |
| 1 | Manganese | 33 | | µg/L | GE |
| 1 | Manganese | 33 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,400 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 78,400 | | µg/L | GE |
| 0 | Silica | 78,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,890 | | µg/L | GE |
| 0 | Sodium | 3,910 | | µg/L | GE |
| 0 | Sulfate | 12,200 | | µg/L | GE |
| 0 | Sulfate | 12,800 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 104,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 2 | Uranium | 304 | | µg/L | GE |
| 2 | Uranium | 304 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |

WELL FSB 87D collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc | 72 | | µg/L | GE |
| 0 | Zinc | 72 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 1.1E-07 ± 6.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 6.1E-08 ± 3.9E-09 | | µCi/mL | GE |
| 0 | Total activity | 8.9E-05 ± 2.4E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 1.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.7E-05 ± 1.3E-06 | | µCi/mL | GE |

## WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: 69.73 ft (21.25 m) below TOC
Water elevation: 213.27 ft (65.01 m) msl
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 144 gal
Time: 8:15
pH: 5.1
Alkalinity: 7 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Specific conductance | 42 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 2 | Antimony | 12 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Barium | 10 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 3,650 | | µg/L | GE |
| 0 | Calcium | 3,300 | | µg/L | WA |
| 0 | Chloride | 3,020 | | µg/L | GE |
| 0 | Chloride | 3,910 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.8 | J3 | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 22 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 530 | | µg/L | GE |
| 0 | Magnesium | 498 | | µg/L | WA |
| 0 | Manganese | 7.2 | | µg/L | GE |
| 0 | Manganese | 6.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,730 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,810 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 386 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,340 | | µg/L | GE |
| 0 | Silica | 7,420 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 3,770 | | µg/L | GE |
| 0 | Sodium | 3,290 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Total dissolved solids | 23,000 | | µg/L | GE |
| 0 | Total dissolved solids | 46,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 82 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | 0.50 ± 5.0E-01 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 1.6 | J3 | µg/L | WA |
| 0 | Zinc | 12 | | µg/L | GE |
| 0 | Zinc | 13 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <7.0E-10 | | µCi/mL | TM |

WELL FSB 88C collected on 07/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.7E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-226 | <5.5E-10 | | µCi/mL | TM |
| 0 | Radium-226 | <1.9E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 7.2E-10 ± 7.2E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.0E-09 ± 8.7E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.5E-05 ± 5.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.6E-05 ± 2.2E-06 | | µCi/mL | TM |

## WELL FSB 88C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: 69.73 ft (21.25 m) below TOC
Water elevation: 213.27 ft (65.01 m) msl
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 144 gal
Time: 8:15
pH: 5.1
Alkalinity: 7 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | Specific conductance | 43 | | µS/cm | GE |
| 0 | Specific conductance | 48 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 2 | Antimony | 11 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Barium | 9.7 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 3,620 | | µg/L | GE |
| 0 | Calcium | 3,610 | | µg/L | WA |
| 0 | Chloride | 3,030 | | µg/L | GE |
| 0 | Chloride | 4,200 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 3.8 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 523 | | µg/L | GE |
| 0 | Magnesium | 532 | | µg/L | WA |
| 0 | Manganese | 7.4 | | µg/L | GE |
| 0 | Manganese | 6.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,720 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,800 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 331 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,240 | | µg/L | GE |
| 0 | Silica | 7,820 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 1.1 | J3 | µg/L | WA |
| 0 | Sodium | 3,760 | | µg/L | GE |
| 0 | Sodium | 3,500 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Total dissolved solids | 24,000 | | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 1 | Total organic halogens | 49 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 51 | | µg/L | GE |
| 0 | Total phosphates (as P) | 111 | | µg/L | WA |
| 0 | Uranium | 0.080 ± 1.0E-02 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 1.0 | J3 | µg/L | WA |
| 0 | Zinc | 12 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

WELL FSB 88C collected on 07/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <7.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.1E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Radium-226 | <2.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.2E-09 ± 8.4E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.8E-05 ± 8.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.7E-05 ± 2.4E-06 | | µCi/mL | TM |

## WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: 65.48 ft (19.96 m) below TOC
Water elevation: 216.92 ft (66.12 m) msl
Sp. conductance: 428 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 7:50
pH: 4.6
Alkalinity: 5 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 1 | Specific conductance | 400 | | µS/cm | GE |
| 2 | Aluminum | 1,090 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 112 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 11,600 | | µg/L | GE |
| 0 | Chloride | 1,260 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 5.4 | | µg/L | GE |
| 0 | Copper | 4.1 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 155 | | µg/L | GE |
| 0 | Iron | 33 | | µg/L | GE |
| 2 | Lead | 15 | | µg/L | GE |
| 0 | Magnesium | 1,560 | | µg/L | GE |
| 2 | Manganese | 181 | | µg/L | GE |
| 0 | Mercury | 0.66 | | µg/L | GE |
| 0 | Nickel | 7.6 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 52,000 | | µg/L | GE |
| 0 | Potassium | 19,800 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 23,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 53,300 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 320,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 62 | | µg/L | GE |
| 2 | Uranium | 76 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 29 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 3.0E-08 ± 4.6E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.2E-07 ± 6.8E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 9.3E-09 ± 2.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.6E-03 ± 8.9E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |

WELL FSB 88D collected on 07/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 68.61 ft (20.91 m) below TOC
Water elevation: 212.69 ft (64.83 m) msl
Sp. conductance: 61 µS/cm
Water evacuated before sampling: 148 gal
Time: 14:40
pH: 5.6
Alkalinity: 10 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 110 | | µS/cm | GE |
| 2 | Aluminum | 305 | | µg/L | GE |
| 2 | Aluminum | 330 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 8,900 | | µg/L | GE |
| 0 | Chloride | 2,970 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 9.8 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 464 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,460 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,680 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 37,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.7E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 64.99 ft (19.81 m) below TOC
Water elevation: 216.22 ft (65.90 m) msl
Sp. conductance: 313 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.
Time: 12:05
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 24.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.5 | JQ | pH | GE |
| 1 | Specific conductance | 250 | | µS/cm | GE |
| 2 | Aluminum | 3,810 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 56 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,920 | | µg/L | GE |
| 0 | Chloride | 2,790 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 6.5 | | µg/L | GE |
| 0 | Copper | 20 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 183 | | µg/L | GE |
| 0 | Iron | 98 | | µg/L | GE |
| 2 | Lead | 20 | | µg/L | GE |
| 0 | Magnesium | 898 | | µg/L | GE |
| 2 | Manganese | 189 | | µg/L | GE |
| 2 | Mercury | 5.1 | | µg/L | GE |
| 0 | Nickel | 4.5 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 320 | | µg/L | GE |
| 0 | Potassium | 863 | | µg/L | GE |

WELL FSB 89D collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 38,000 | | µg/L | GE |
| 0 | Sulfate | 3,960 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 160,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 2 | Uranium | 294 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 30 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.6E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 0 | Nonvolatile beta | 3.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.9E-03 ± 1.0E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.2E-08 ± 2.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.4E-08 ± 2.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-03 ± 6.4E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92
Depth to water: 66.99 ft (20.42 m) below TOC
Water elevation: 211.41 ft (64.44 m) msl
Sp. conductance: 206 µS/cm
Water evacuated before sampling: 140 gal
Time: 11:20
pH: 6.2
Alkalinity: 34 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 2 | Aluminum | 66 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 48 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 15,900 | | µg/L | GE |
| 0 | Chloride | 3,460 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 228 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 6,080 | | µg/L | GE |
| 1 | Manganese | 28 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.9 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 14,600 | | µg/L | GE |
| 0 | Potassium | 1,140 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,960 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,900 | | µg/L | GE |
| 0 | Sulfate | 1,220 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 133,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Gross alpha | 2.9E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.1E-08 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Total activity | 7.3E-04 ± 2.3E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.1E-04 ± 3.9E-06 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 10:40
Depth to water: 63.65 ft (19.40 m) below TOC — pH: 4.7
Water elevation: 214.95 ft (65.52 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 392 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.8 | JQ | pH | GE |
| 1 | Specific conductance | 305 | | µS/cm | GE |
| 2 | Aluminum | 6,060 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 195 | | µg/L | GE |
| 2 | Cadmium | 5.4 | | µg/L | GE |
| 0 | Calcium | 8,430 | J2 | µg/L | GE |
| 0 | Chloride | 1,910 | | µg/L | GE |
| 0 | Chloride | 1,960 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 8.8 | | µg/L | GE |
| 0 | Copper | 8.8 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 535 | | µg/L | GE |
| 0 | Iron | 100 | | µg/L | GE |
| 2 | Lead | 34 | | µg/L | GE |
| 0 | Magnesium | 2,110 | | µg/L | GE |
| 2 | Manganese | 548 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 14 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 73,000 | | µg/L | GE |
| 0 | Potassium | 1,960 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 14,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 50,700 | | µg/L | GE |
| 0 | Sulfate | 1,940 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 275,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 2 | Uranium | 158 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 118 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 1.7E-07 ± 1.1E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 9.0E-07 ± 2.6E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.2E-03 ± 1.1E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 2.1E-08 ± 3.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.4E-03 ± 7.4E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 10:00
Depth to water: 67.59 ft (20.60 m) below TOC — pH: 5.2
Water elevation: 211.71 ft (64.53 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 407 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 23 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 1 | Specific conductance | 390 | | µS/cm | GE |
| 2 | Aluminum | 1,090 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 64 | | µg/L | GE |
| 1 | Cadmium | 3.1 | | µg/L | GE |

WELL FSB 91C collected on 07/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 9,800 | | µg/L | GE |
| 0 | Chloride | 2,020 | | µg/L | GE |
| 0 | Chloride | 1,980 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 6.0 | | µg/L | GE |
| 0 | Copper | 6.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 1,040 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | GE |
| 0 | Lead | 6.7 | | µg/L | GE |
| 0 | Magnesium | 1,330 | | µg/L | GE |
| 2 | Manganese | 227 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 47,000 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 2,790 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 321,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 20 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 5.0E-09 ± 4.2E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 5.1E-08 ± 9.2E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 9.5E-07 ± 1.5E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.6E-03 ± 3.2E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 5.5E-08 ± 5.3E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-03 ± 5.8E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 10:20
Depth to water: 65.22 ft (19.88 m) below TOC — pH: 3.7
Water elevation: 213.98 ft (65.22 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 621 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.6 | JQ | pH | GE |
| 1 | pH | 3.6 | JQ | pH | GE |
| 1 | Specific conductance | 482 | | µS/cm | GE |
| 1 | Specific conductance | 482 | | µS/cm | GE |
| 2 | Aluminum | 22,600 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 177 | | µg/L | GE |
| 1 | Cadmium | 4.2 | | µg/L | GE |
| 0 | Calcium | 3,580 | J2 | µg/L | GE |
| 0 | Chloride | 1,770 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 4.9 | | µg/L | GE |
| 0 | Copper | 9.5 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 783 | | µg/L | GE |
| 0 | Iron | 17 | | µg/L | GE |
| 0 | Lead | 6.5 | | µg/L | GE |
| 0 | Lead | 6.6 | | µg/L | GE |
| 0 | Magnesium | 2,940 | | µg/L | GE |
| 2 | Manganese | 398 | | µg/L | GE |
| 0 | Mercury | 0.36 | | µg/L | GE |
| 0 | Nickel | 10 | | µg/L | GE |

WELL FSB 91D collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Nitrate-nitrite as nitrogen | 73,000 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 73,000 | | µg/L | GE |
| 0 | Potassium | 946 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 13,200 | | µg/L | GE |
| 2 | Silica, total | 13,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 25,700 | | µg/L | GE |
| 0 | Sulfate | 2,500 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 211,000 | | µg/L | GE |
| 0 | Total dissolved solids | 209,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 2 | Uranium | 349 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 28 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 1.8E-07 ± 9.7E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 5.6E-07 ± 2.0E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 4.7E-03 ± 5.2E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 2.3E-08 ± 3.3E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.6E-03 ± 1.0E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: 63.58 ft (19.38 m) below TOC
Water elevation: 212.32 ft (64.72 m) msl
Sp. conductance: 1732 µS/cm
Water evacuated before sampling: 26 gal
Time: 11:20
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.6 | JQ | pH | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 2 | Aluminum | 48,600 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 269 | | µg/L | GE |
| 2 | Cadmium | 9.5 | | µg/L | GE |
| 0 | Calcium | 8,460 | J2 | µg/L | GE |
| 0 | Chloride | 3,450 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 9.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 891 | | µg/L | GE |
| 0 | Iron | 16 | | µg/L | GE |
| 0 | Lead | 4.7 | | µg/L | GE |
| 0 | Lead | 4.9 | | µg/L | GE |
| 0 | Magnesium | 5,990 | | µg/L | GE |
| 2 | Manganese | 664 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 20 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 255,000 | | µg/L | GE |
| 0 | Potassium | 1,650 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,830 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 43,300 | | µg/L | GE |
| 0 | Sulfate | 2,640 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 773,000 | V | µg/L | GE |

WELL FSB 92D collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 784,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 2 | Uranium | 47 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 64 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | 1.4E-08 ± 4.9E-09 | | µCi/mL | GP |
| 0 | Cesium-137 | 2.0E-08 ± 1.1E-08 | | µCi/mL | EM |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 1.2E-07 ± 2.1E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.2E-08 ± 5.6E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.3E-02 ± 1.1E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 9.4E-08 ± 7.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.3E-02 ± 2.3E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 66.67 ft (20.32 m) below TOC
Water elevation: 209.53 ft (63.87 m) msl
Sp. conductance: 345 µS/cm
Water evacuated before sampling: 177 gal
Time: 10:35
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 230 | | µS/cm | GE |
| 2 | Aluminum | 117 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 63 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 24,300 | | µg/L | GE |
| 0 | Chloride | 2,680 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 8.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 5.7 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 6,460 | | µg/L | GE |
| 2 | Manganese | 100 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 8.3 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 380 | | µg/L | GE |
| 0 | Potassium | 1,180 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 25,100 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 261,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 89 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 3.7E-08 ± 3.4E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.5E-03 ± 8.9E-06 | | µCi/mL | EM |
| 1 | Total alpha-emitting radium | 3.9E-09 ± 1.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.5E-03 ± 5.7E-06 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 — Time: 13:15
Depth to water: 65.08 ft (19.83 m) below TOC — pH: 3.7
Water elevation: 211.04 ft (64.33 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1277 µS/cm — Water temperature: 27.5°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.9 | JQ | pH | GE |
| 2 | Specific conductance | 1,400 | | µS/cm | GE |
| 2 | Aluminum | 36,700 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 515 | | µg/L | GE |
| 2 | Cadmium | 26 | | µg/L | GE |
| 0 | Calcium | 16,600 | J2 | µg/L | GE |
| 0 | Chloride | 4,640 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 13 | | µg/L | GE |
| 0 | Copper | 23 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | 1,020 | | µg/L | GE |
| 1 | Iron | 211 | | µg/L | GE |
| 2 | Lead | 21 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 12,600 | | µg/L | GE |
| 2 | Manganese | 885 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 18 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 173,000 | | µg/L | GE |
| 0 | Potassium | 2,080 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 13,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 63,300 | | µg/L | GE |
| 0 | Sulfate | 4,620 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 669,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 2 | Uranium | 324 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 69 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 5.9E-08 ± 1.5E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 3.6E-08 ± 7.2E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.6E-02 ± 9.2E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 5.5E-08 ± 5.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.5E-02 ± 1.8E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 — Time: 8:15
Depth to water: 72.52 ft (22.10 m) below TOC — pH: 4.2
Water elevation: 208.56 ft (63.58 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1948 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 34 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.6 | JQ | pH | GE |
| 2 | Specific conductance | 2,020 | | µS/cm | GE |
| 2 | Aluminum | 2,270 | | µg/L | GE |
| 0 | Antimony | 2.1 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

WELL FSB 94C collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | 612 | | µg/L | GE |
| 0 | Cadmium | <4.0 | | µg/L | GE |
| 0 | Calcium | 177,000 | | µg/L | GE |
| 0 | Chloride | 1,870 | | µg/L | GE |
| 0 | Chromium | <8.0 | | µg/L | GE |
| 0 | Cobalt | 15 | | µg/L | GE |
| 0 | Copper | <8.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 1 | Fluoride | 2,980 | | µg/L | GE |
| 0 | Iron | <8.0 | | µg/L | GE |
| 0 | Iron | <8.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,750 | | µg/L | GE |
| 2 | Manganese | 1,600 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <8.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 265,000 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 265,000 | | µg/L | GE |
| 0 | Potassium | 49,300 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 236 | | µg/L | GE |
| 0 | Silver | <4.0 | | µg/L | GE |
| 0 | Sodium | 184,000 | | µg/L | GE |
| 0 | Sulfate | 3,050 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 1.5E+06 | | µg/L | GE |
| 0 | Total organic carbon | 1,910 | | µg/L | GE |
| 0 | Total organic carbon | 1,870 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <40 | | µg/L | GE |
| 0 | Vanadium | <16 | | µg/L | GE |
| 0 | Zinc | <4.0 | | µg/L | GE |
| 0 | Zinc | <4.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 3.1E-08 ± 7.7E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.2E-02 ± 7.9E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 6.8E-08 ± 6.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.1E-02 ± 1.6E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 94DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 — Time: 8:25
Depth to water: 70.32 ft (21.43 m) below TOC — pH: 2.9
Water elevation: 210.18 ft (64.06 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2770 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.1 | JQ | pH | GE |
| 2 | Specific conductance | 3,300 | | µS/cm | GE |
| 2 | Aluminum | 119,000 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <10 | | µg/L | GE |
| 1 | Barium | 1,040 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 2 | Cadmium | 5.3 | | µg/L | GE |
| 0 | Calcium | 3,490 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,600 | | µg/L | GE |
| 0 | Chloride | 2,650 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | 6.6 | | µg/L | GE |

WELL FSB 94DR collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cobalt | 98 | | µg/L | GE |
| 0 | Copper | 95 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 428 | | µg/L | GE |
| 0 | Iron | 85 | | µg/L | GE |
| 2 | Lead | 15 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 3,480 | | µg/L | GE |
| 2 | Manganese | 5,900 | | µg/L | GE |
| 2 | Mercury | 2.3 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 1 | Nickel | 61 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 420,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,260 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 89,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 511,000 | | µg/L | GE |
| 0 | Sulfate | 33,600 | | µg/L | GE |
| 0 | Sulfate | 33,600 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 1.3E+06 | V | µg/L | GE |
| 1 | Total organic carbon | 5,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.5 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 2 | Uranium | 2,270 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 160 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cesium-137 | 3.3E-07 ± 1.4E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 1.1E-08 ± 7.2E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.5E-08 ± 6.7E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.9E-02 ± 1.2E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 7.0E-08 ± 5.9E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.8E-02 ± 2.5E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 95CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 75.89 ft (23.13 m) below TOC
Water elevation: 208.11 ft (63.43 m) msl
Sp. conductance: 1626 µS/cm
Water evacuated before sampling: 147 gal
Time: 9:25
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.3 | JQ | pH | GE |
| 2 | Specific conductance | 1,880 | | µS/cm | GE |
| 2 | Aluminum | 19,600 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 438 | | µg/L | GE |

WELL FSB 95CR collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 2 | Cadmium | 8.0 | | µg/L | GE |
| 0 | Calcium | 43,100 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,290 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 226 | | µg/L | GE |
| 0 | Copper | 18 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 955 | | µg/L | GE |
| 0 | Iron | 7.6 | | µg/L | GE |
| 0 | Lead | 3.2 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 8,290 | | µg/L | GE |
| 2 | Manganese | 4,040 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 44 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 223,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,140 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 13,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 57,100 | | µg/L | GE |
| 0 | Sulfate | 4,850 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 1.1E+06 | JQV | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 2 | Uranium | 425 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 151 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 4.1E-07 ± 3.9E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.2E-08 ± 5.7E-03 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 9.2E-03 ± 7.0E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 1.1E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.2E-07 ± 4.9E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.6E-03 ± 1.4E-05 | | µCi/mL | GE |
| 2 | Tritium | 8.8E-03 ± 1.4E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

# ANALYTICAL RESULTS

## WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 73.76 ft (22.49 m) below TOC
Water elevation: 210.32 ft (64.11 m) msl
Sp. conductance: 2650 µS/cm
Water evacuated before sampling: 61 gal

Time: 13:30
pH: 3.0
Alkalinity: 0 mg/L
Water temperature: 23.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.1 | JQ | pH | GE |
| 0 | Specific conductance | 240 | | µS/cm | GE |
| 2 | Aluminum | 131,000 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <10 | | µg/L | GE |
| 0 | Barium | 802 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 1 | Cadmium | 2.5 | | µg/L | GE |
| 0 | Calcium | 2,090 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,550 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | 7.7 | | µg/L | GE |
| 2 | Cobalt | 40 | | µg/L | GE |
| 0 | Copper | 144 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 4.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 309 | | µg/L | GE |
| 0 | Fluoride | 305 | | µg/L | GE |
| 1 | Iron | 214 | | µg/L | GE |
| 2 | Lead | 48 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,150 | | µg/L | GE |
| 2 | Manganese | 4,130 | | µg/L | GE |
| 1 | Mercury | 1.4 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 1 | Nickel | 55 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 475,000 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 465,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,810 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 123,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 600,000 | | µg/L | GE |
| 0 | Sulfate | 80,400 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 1.4E+06 | V | µg/L | GE |
| 0 | Total organic carbon | 2,710 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 2 | Uranium | 5,240 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 155 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cesium-137 | 9.8E-07 ± 1.6E-08 | | µCi/mL | GP |
| 2 | Cesium-137 | 9.7E-07 ± 8.7E-08 | | µCi/mL | EM |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 2.1E-06 ± 1.4E-07 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |

WELL FSB 95DR collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Nonvolatile beta | 3.3E-06 ± 1.0E-07 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.7E-02 ± 1.2E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 6.1E-08 ± 5.6E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.6E-02 ± 2.4E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 96AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 127.73 ft (38.93 m) below TOC
Water elevation: 153.47 ft (46.78 m) msl
Sp. conductance: 175 µS/cm
Water evacuated before sampling: 195 gal

Time: 12:45
pH: 6.9
Alkalinity: 77 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | Specific conductance | 170 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 36 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 32,500 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,140 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 627 | | µg/L | GE |
| 0 | Manganese | 3.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 300 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 874 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 22,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,910 | | µg/L | GE |
| 0 | Sulfate | 1,560 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 103,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |

WELL FSB 96AR collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.1 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 6.8E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 8:50
Depth to water: 133.72 ft (40.76 m) below TOC
Water elevation: 152.38 ft (46.45 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 11:40
Depth to water: 77.01 ft (23.47 m) below TOC pH: 3.9
Water elevation: 209.09 ft (63.73 m) msl Alkalinity: 0 mg/L
Sp. conductance: 1388 µS/cm Water temperature: 24.1°C
Water evacuated before sampling: 171 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.9 | JQ | pH | GE |
| 2 | Specific conductance | 1,400 | | µS/cm | GE |
| 2 | Aluminum | 29,700 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 248 | | µg/L | GE |
| 1 | Cadmium | 2.7 | | µg/L | GE |
| 0 | Calcium | 15,800 | | µg/L | GE |
| 0 | Chloride | 2,940 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 156 | | µg/L | GE |
| 0 | Copper | 25 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 590 | | µg/L | GE |
| 0 | Iron | 40 | | µg/L | GE |
| 1 | Lead | 9.3 | | µg/L | GE |
| 0 | Magnesium | 3,220 | | µg/L | GE |
| 2 | Manganese | 2,200 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 29 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 193,000 | | µg/L | GE |
| 0 | Potassium | 1,130 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,400 | | µg/L | GE |
| 2 | Silica, total | 12,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 24,400 | | µg/L | GE |
| 0 | Sulfate | 2,120 | | µg/L | GE |
| 0 | Sulfate | 2,500 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 606,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Tributyl phosphate | 45 | J1 | µg/L | GE |
| 2 | Uranium | 430 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 79 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 4.2E-07 ± 1.8E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 9.8E-07 ± 3.1E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 9.9E-03 ± 7.2E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 9.7E-08 ± 6.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.5E-03 ± 1.5E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |

WELL FSB 97C collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92 Time: 8:15
Depth to water: 74.67 ft (22.76 m) below TOC pH: 3.3
Water elevation: 211.33 ft (64.41 m) msl Alkalinity: 0 mg/L
Sp. conductance: 2610 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.9 | JQ | pH | GE |
| 2 | Specific conductance | 2,220 | | µS/cm | GE |
| 2 | Aluminum | 84,200 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 1 | Barium | 1,070 | | µg/L | GE |
| 0 | Cadmium | 2.2 | | µg/L | GE |
| 0 | Calcium | 51,500 | J2 | µg/L | GE |
| 0 | Chloride | 2,200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 63 | | µg/L | GE |
| 0 | Copper | 71 | | µg/L | GE |
| 0 | Cyanide | 7.5 | JQ6 | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | 496 | | µg/L | GE |
| 2 | Iron | 1,020 | | µg/L | GE |
| 2 | Lead | 89 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 2,700 | | µg/L | GE |
| 2 | Manganese | 6,080 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 1 | Nickel | 51 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 885,000 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 860,000 | | µg/L | GE |
| 0 | Potassium | 1,730 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 59,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 673,000 | | µg/L | GE |
| 0 | Sulfate | 35,800 | | µg/L | GE |
| 0 | Sulfate | 32,600 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 1.6E+06 | V | µg/L | GE |
| 0 | Total organic carbon | 2,950 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 2 | Uranium | 2,990 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 197 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | 3.6E-08 ± 6.9E-09 | | µCi/mL | GP |
| 0 | Cesium-137 | 2.6E-08 ± 1.1E-08 | | µCi/mL | EM |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 1.2E-06 ± 9.0E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.1E-06 ± 6.5E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.6E-02 ± 2.7E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 3.6E-08 ± 3.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.1E-02 ± 2.2E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

# ANALYTICAL RESULTS

## WELL FSB 98AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 — Time: 9:15
Depth to water: 132.34 ft (40.34 m) below TOC — pH: 6.4
Water elevation: 151.66 ft (46.23 m) msl — Alkalinity: 61 mg/L
Sp. conductance: 151 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 259 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.4 | JQ | pH | GE |
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | Specific conductance | 130 | | µS/cm | GE |
| 2 | Aluminum | 185 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 47 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 23,900 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,180 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 101 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 719 | | µg/L | GE |
| 1 | Manganese | 28 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,090 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 3,060 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 19,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,640 | | µg/L | GE |
| 0 | Sulfate | 1,090 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 82,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 204 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 2.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.6E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 — Time: 13:00
Depth to water: 73.65 ft (22.45 m) below TOC — pH: 3.1
Water elevation: 209.45 ft (63.84 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1851 µS/cm — Water temperature: 25.1°C
Water evacuated before sampling: 196 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.4 | JQ | pH | GE |
| 2 | Specific conductance | 1,950 | | µS/cm | GE |
| 2 | Aluminum | 26,300 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 209 | | µg/L | GE |
| 1 | Cadmium | 3.1 | | µg/L | GE |
| 0 | Calcium | 2,560 | | µg/L | GE |
| 0 | Chloride | 2,600 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 115 | | µg/L | GE |
| 0 | Copper | 25 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 475 | | µg/L | GE |
| 0 | Iron | 7.5 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,270 | | µg/L | GE |
| 2 | Manganese | 1,910 | | µg/L | GE |
| 0 | Mercury | 0.45 | | µg/L | GE |
| 0 | Nickel | 16 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 260,000 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 19,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 19,900 | | µg/L | GE |
| 0 | Sulfate | 4,360 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 760,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 2 | Uranium | 501 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 35 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 5.5E-07 ± 4.0E-08 | | µCi/mL | GE |
| 2 | Gross alpha | 6.2E-07 ± 4.4E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.9E-06 ± 4.2E-08 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 1.9E-06 ± 4.6E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.5E-02 ± 8.9E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.1E-07 ± 6.6E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.0E-07 ± 6.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.4E-02 ± 1.8E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 — Time: 8:30
Depth to water: 70.65 ft (21.53 m) below TOC — pH: 3.3
Water elevation: 212.45 ft (64.76 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1892 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 18 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.7 | JQ | pH | GE |
| 2 | Specific conductance | 1,800 | | µS/cm | GE |
| 2 | Aluminum | 48,900 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

WELL FSB 98D collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Barium | 1,690 | | µg/L | GE |
| 0 | Cadmium | <4.0 | | µg/L | GE |
| 0 | Calcium | 6,200 | | µg/L | GE |
| 0 | Chloride | 1,580 | | µg/L | GE |
| 0 | Chromium | <8.0 | | µg/L | GE |
| 2 | Cobalt | 147 | | µg/L | GE |
| 0 | Copper | 163 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 572 | | µg/L | GE |
| 0 | Fluoride | 583 | | µg/L | GE |
| 2 | Iron | 354 | | µg/L | GE |
| 2 | Lead | 17 | | µg/L | GE |
| 0 | Magnesium | 1,930 | | µg/L | GE |
| 2 | Manganese | 3,230 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 45 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 263,000 | | µg/L | GE |
| 0 | Potassium | 1,910 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 74,600 | | µg/L | GE |
| 0 | Silver | <4.0 | | µg/L | GE |
| 0 | Sodium | 198,000 | | µg/L | GE |
| 0 | Sulfate | 1,960 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 1.1E+06 | | µg/L | GE |
| 0 | Total dissolved solids | 1.1E+06 | | µg/L | GE |
| 0 | Total organic carbon | 2,910 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 2 | Uranium | 3,210 | | µg/L | GE |
| 0 | Vanadium | <16 | | µg/L | GE |
| 0 | Zinc | 106 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 6.3E-07 ± 5.9E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.2E-06 ± 3.9E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.4E-02 ± 8.6E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 4.8E-08 ± 3.9E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-02 ± 1.6E-05 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-02 ± 1.6E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 136.84 ft (41.71 m) below TOC
Water elevation: 150.76 ft (45.95 m) msl
Sp. conductance: 162 µS/cm
Water evacuated before sampling: 152 gal
Time: 9:30
pH: 6.3
Alkalinity: 57 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.2 | JQ | pH | GE |
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | Specific conductance | 140 | | µS/cm | GE |
| 0 | Specific conductance | 143 | JQ | µS/cm | WA |
| 0 | Specific conductance | 144 | JQ | µS/cm | WA |
| 1 | Aluminum | 44 | | µg/L | GE |
| 2 | Aluminum | 69 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 1 | Antimony | 4.5 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 37 | | µg/L | GE |
| 0 | Barium | 37 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.38 | J3 | µg/L | WA |
| 0 | Calcium | 26,000 | | µg/L | GE |
| 0 | Calcium | 26,500 | | µg/L | WA |
| 0 | Chloride | 2,010 | | µg/L | GE |
| 0 | Chloride | 2,030 | | µg/L | WA |
| 0 | Chloride | 2,030 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 3.6 | J3 | µg/L | WA |

WELL FSB 99A collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | 1.7 | J3 | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | 135 | | µg/L | GE |
| 0 | Fluoride | 128 | | µg/L | WA |
| 0 | Iron | 10 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 1,170 | | µg/L | GE |
| 0 | Magnesium | 1,150 | | µg/L | WA |
| 0 | Manganese | 6.7 | | µg/L | GE |
| 0 | Manganese | 7.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 4,000 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 3,400 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,300 | | µg/L | GE |
| 0 | Potassium | 745 | | µg/L | GE |
| 0 | Potassium | 1,030 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 17,000 | | µg/L | GE |
| 0 | Silica | 16,200 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 3.1 | | µg/L | WA |
| 0 | Sodium | 3,060 | | µg/L | GE |
| 0 | Sodium | 3,190 | | µg/L | WA |
| 0 | Sulfate | 1,040 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Total dissolved solids | 104,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 143,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 308 | | µg/L | GE |
| 0 | Total phosphates (as P) | 331 | | µg/L | GE |
| 0 | Total phosphates (as P) | 270 | | µg/L | WA |
| 0 | Total phosphates (as P) | 273 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | 0.21 ± 2.0E-02 | | µg/L | TM |
| 0 | Uranium | 0.21 ± 2.0E-02 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 1.3 | J3 | µg/L | WA |
| 0 | Zinc | 3.9 | | µg/L | GE |
| 0 | Zinc | 5.2 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.6E-09 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | 1.4E-09 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.3E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 4.1E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 9.5E-10 ± 3.8E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 8.5E-10 ± 6.8E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.1E-04 ± 1.6E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 1.6E-05 | | µCi/mL | TM |
| 2 | Tritium | 1.1E-04 ± 1.5E-05 | | µCi/mL | TM |

## WELL FSB 99A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 136.84 ft (41.71 m) below TOC
Water elevation: 150.76 ft (45.95 m) msl
Sp. conductance: 162 µS/cm
Water evacuated before sampling: 152 gal
Time: 9:30
pH: 6.3
Alkalinity: 57 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.1 | JQ | pH | GE |
| 0 | pH | 7.0 | JQ | pH | WA |
| 0 | Specific conductance | 140 | | µS/cm | GE |
| 0 | Specific conductance | 145 | JQ | µS/cm | WA |
| 1 | Aluminum | 43 | | µg/L | GE |
| 1 | Aluminum | 44 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 36 | | µg/L | GE |

WELL FSB 99A collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | 32 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 25,800 | | µg/L | GE |
| 0 | Calcium | 22,100 | | µg/L | WA |
| 0 | Chloride | 2,010 | | µg/L | GE |
| 0 | Chloride | 2,010 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.3 | J3 | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | 148 | | µg/L | GE |
| 0 | Fluoride | 129 | | µg/L | WA |
| 0 | Iron | 7.7 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 1,170 | | µg/L | GE |
| 0 | Magnesium | 982 | | µg/L | WA |
| 0 | Manganese | 6.7 | | µg/L | GE |
| 0 | Manganese | 5.4 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 3.1 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 3,370 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 3,300 | | µg/L | GE |
| 0 | Potassium | 754 | | µg/L | GE |
| 0 | Potassium | 659 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 17,100 | | µg/L | GE |
| 0 | Silica | 14,000 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 3,080 | | µg/L | GE |
| 0 | Sodium | 2,840 | | µg/L | WA |
| 0 | Sulfate | 1,030 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Total dissolved solids | 107,000 | V | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 356 | | µg/L | GE |
| 0 | Total phosphates (as P) | 331 | | µg/L | WA |
| 0 | Uranium | 0.090 ± 1.0E-02 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 0.97 | J3 | µg/L | WA |
| 0 | Zinc | 3.5 | | µg/L | GE |
| 0 | Zinc | 2.9 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.5E-09 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.3E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 4.3E-10 ± 2.5E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 6.6E-10 ± 3.7E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <8.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <8.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.1E-04 ± 1.5E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 1.6E-05 | | µCi/mL | TM |

## WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: 77.16 ft (23.52 m) below TOC
Water elevation: 210.54 ft (64.17 m) msl
Sp. conductance: 329 µS/cm
Water evacuated before sampling: 140 gal
Time: 9:30
pH: 5.2
Alkalinity: 4 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 1 | Specific conductance | 290 | | µS/cm | GE |
| 2 | Aluminum | 145 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 83 | | µg/L | GE |
| 0 | Barium | 83 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |

WELL FSB 99C collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 1 | Cadmium | 2.6 | | µg/L | GE |
| 1 | Cadmium | 2.6 | | µg/L | GE |
| 0 | Calcium | 15,700 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,720 | | µg/L | GE |
| 0 | Chloride | 3,650 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 5.4 | | µg/L | GE |
| 0 | Cobalt | 5.7 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 5.3 | | µg/L | GE |
| 0 | Iron | 5.5 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 7,900 | | µg/L | GE |
| 2 | Manganese | 109 | | µg/L | GE |
| 2 | Manganese | 109 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 8.4 | | µg/L | GE |
| 0 | Nickel | 6.4 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 36,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 968 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,040 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 26,700 | | µg/L | GE |
| 0 | Sodium | 26,600 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 2.3 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 121,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 13 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 26 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.6 | | µg/L | GE |
| 0 | Uranium | <2.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 43 | | µg/L | GE |
| 0 | Zinc | 44 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 9.0E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.0E-07 ± 5.6E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.9E-03 ± 3.3E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 9.2E-09 ± 1.8E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-03 ± 6.3E-08 | | µCi/mL | GE |

WELL FSB 99C collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 Time: 14:15
Depth to water: 73.87 ft (22.52 m) below TOC pH: 5.3
Water elevation: 213.73 ft (65.15 m) msl Alkalinity: 8 mg/L
Sp. conductance: 56 µS/cm Water temperature: 26.1°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,630 | J2 | µg/L | GE |
| 0 | Calcium | 1,690 | J2 | µg/L | GE |
| 0 | Chloride | 2,040 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 8.5 | | µg/L | GE |
| 0 | Copper | 8.3 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 27 | | µg/L | GE |
| 0 | Iron | 28 | | µg/L | GE |
| 1 | Lead | 11 | | µg/L | GE |
| 0 | Magnesium | 337 | J2 | µg/L | GE |
| 0 | Magnesium | 333 | J2 | µg/L | GE |
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Manganese | 23 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 4.3 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,870 | | µg/L | GE |
| 0 | Potassium | 773 | | µg/L | GE |
| 0 | Potassium | 686 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 11,900 | | µg/L | GE |
| 0 | Silica | 12,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,580 | | µg/L | GE |
| 0 | Sodium | 6,400 | | µg/L | GE |
| 0 | Sulfate | 3,260 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 38,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 137 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 31 | | µg/L | GE |
| 0 | Zinc | 31 | | µg/L | GE |
| 1 | Gross alpha | 9.4E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.4E-08 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.1E-05 ± 1.0E-00 | | µCi/mL | GE |

## WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 Time: 10:45
Depth to water: 134.21 ft (40.91 m) below TOC pH: 6.8
Water elevation: 151.79 ft (46.27 m) msl Alkalinity: 63 mg/L
Sp. conductance: 190 µS/cm Water temperature: 22.3°C
Water evacuated before sampling: 147 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | Specific conductance | 170 | | µS/cm | GE |

WELL FSB100A collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Specific conductance | 173 | JQ | µS/cm | WA |
| 0 | Specific conductance | 173 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | 15 | J3 | µg/L | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 42 | | µg/L | GE |
| 0 | Barium | 43 | | µg/L | WA |
| 0 | Barium | 45 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 27,400 | | µg/L | GE |
| 0 | Calcium | 26,700 | | µg/L | WA |
| 0 | Calcium | 27,000 | | µg/L | WA |
| 0 | Chloride | 2,260 | | µg/L | GE |
| 0 | Chloride | 2,310 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.2 | J3 | µg/L | WA |
| 0 | Chromium | 1.8 | J3 | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 4.2 | J3 | µg/L | WA |
| 0 | Iron | 3.3 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 1,570 | | µg/L | GE |
| 0 | Magnesium | 1,510 | | µg/L | WA |
| 0 | Magnesium | 1,530 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 2.2 | | µg/L | WA |
| 0 | Manganese | 1.9 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 3.3 | J3 | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 1 | Nitrate as nitrogen | 5,120 | | µg/L | WA |
| 1 | Nitrate-nitrite as nitrogen | 5,800 | | µg/L | GE |
| 0 | Potassium | 1,540 | | µg/L | GE |
| 0 | Potassium | 1,870 | | µg/L | WA |
| 0 | Potassium | 1,840 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 16,600 | | µg/L | GE |
| 0 | Silica | 14,100 | | µg/L | WA |
| 0 | Silica | 14,300 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 6,510 | | µg/L | GE |
| 0 | Sodium | 7,200 | | µg/L | WA |
| 0 | Sodium | 7,230 | | µg/L | WA |
| 0 | Sulfate | 1,270 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Total dissolved solids | 111,000 | | µg/L | GE |
| 0 | Total dissolved solids | 103,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 17 | | µg/L | WA |
| 0 | Total phosphates (as P) | 186 | | µg/L | GE |
| 0 | Total phosphates (as P) | 279 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | 0.31 ± 3.0E-02 | | µg/L | TM |
| 0 | Uranium | 0.30 ± 3.0E-02 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 4.2 | | µg/L | GE |
| 0 | Zinc | 7.0 | | µg/L | WA |
| 0 | Zinc | 6.5 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.8E-09 ± 8.0E-10 | | µCi/mL | TM |

WELL FSB100A collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 1.5E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 3.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.4E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 8.4E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-[illegible]3 | 1.3E-09 ± 5.9E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 7.3E-10 ± 3.3E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 2.0E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-226 | <7.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.6E-04 ± 1.9E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-04 ± 1.3E-05 | | µCi/mL | TM |
| 2 | Tritium | 1.7E-04 ± 1.2E-05 | | µCi/mL | TM |

## WELL FSB100A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 134.21 ft (40.91 m) below TOC
Water elevation: 151.79 ft (46.27 m) msl
Sp. conductance: 190 µS/cm
Water evacuated before sampling: 147 gal
Time: 10:45
pH: 6.8
Alkalinity: 63 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | Specific conductance | 160 | | µS/cm | GE |
| 0 | Specific conductance | 160 | | µS/cm | GE |
| 0 | Specific conductance | 171 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | 17 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 42 | | µg/L | GE |
| 0 | Barium | 41 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 27,800 | | µg/L | GE |
| 0 | Calcium | 26,500 | | µg/L | WA |
| 0 | Chloride | 2,290 | | µg/L | GE |
| 0 | Chloride | 2,280 | | µg/L | GE |
| 0 | Chloride | 2,300 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.9 | J3 | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 8.9 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 1,570 | | µg/L | GE |
| 0 | Magnesium | 1,460 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 1.1 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 1 | Nitrate as nitrogen | 5,400 | | µg/L | WA |
| 1 | Nitrate-nitrite as nitrogen | 5,900 | | µg/L | GE |
| 0 | Potassium | 1,520 | | µg/L | GE |
| 0 | Potassium | 1,720 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 16,500 | | µg/L | GE |
| 0 | Silica | 13,500 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 6,500 | | µg/L | GE |
| 0 | Sodium | 6,700 | | µg/L | WA |
| 0 | Sulfate | 1,260 | | µg/L | GE |
| 0 | Sulfate | 1,220 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Total dissolved solids | 138,000 | | µg/L | GE |
| 0 | Total dissolved solids | 113,000 | | µg/L | GE |
| 0 | Total dissolved solids | 116,000 | | µg/L | WA |
| 0 | Total dissolved solids | 116,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 1 | Total organic halogens | 38 | | µg/L | WA |

WELL FSB100A collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total phosphates (as P) | 126 | | µg/L | GE |
| 0 | Total phosphates (as P) | 225 | | µg/L | WA |
| 0 | Uranium | 0.36 ± 4.0E-02 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 2.5 | J3 | µg/L | WA |
| 0 | Zinc | 3.7 | | µg/L | GE |
| 0 | Zinc | 8.7 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.4E-09 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.9E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 1.1E-09 ± 4.2E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.4E-09 ± 8.5E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.6E-04 ± 1.9E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-04 ± 1.3E-05 | | µCi/mL | TM |

## WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 133.22 ft (40.61 m) below TOC
Water elevation: 151.98 ft (46.32 m) msl
Sp. conductance: 164 µS/cm
Water evacuated before sampling: 155 gal
Time: 14:40
pH: 6.6
Alkalinity: 49 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | Specific conductance | 145 | | µS/cm | GE |
| 2 | Aluminum | 73 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 35 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 26,300 | | µg/L | GE |
| 0 | Chloride | 2,570 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 683 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,540 | | µg/L | GE |
| 0 | Potassium | 2,790 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 16,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,040 | | µg/L | GE |
| 0 | Sulfate | 1,600 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 114,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 106,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 121 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 2.1 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 5.91 ft (1.80 m) below TOC
Water elevation: 195.19 ft (59.49 m) msl
Sp. conductance: 298 µS/cm
Water evacuated before sampling: 129 gal
Time: 8:25
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.6 | JQ | pH | GE |
| 1 | Specific conductance | 290 | | µS/cm | GE |
| 2 | Aluminum | 710 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 80 | | µg/L | GE |

WELL FSB102C collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 5.1 | | µg/L | GE |
| 0 | Calcium | 13,900 | J2 | µg/L | GE |
| 0 | Chloride | 1,660 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 1 | Cobalt | 32 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 275 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 4,480 | J2 | µg/L | GE |
| 2 | Manganese | 736 | | µg/L | GE |
| 0 | Mercury | 0.58 | | µg/L | GE |
| 0 | Nickel | 12 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 35,000 | | µg/L | GE |
| 0 | Potassium | 920 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 10,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 29,300 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 223,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 227,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 83 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 37 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 3.8E-07 ± 1.1E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 9.9E-04 ± 2.5E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 6.1E-09 ± 1.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.5E-04 ± 4.6E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 39.16 ft (11.94 m) below TOC
Water elevation: 203.22 ft (61.94 m) msl
Sp. conductance: 246 µS/cm
Water evacuated before sampling: 147 gal

Time: 13:05
pH: 5.4
Alkalinity: 5 mg/L
Water temperature: 24.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 235 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 40 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 29,600 | J2 | µg/L | GE |
| 0 | Chloride | 2,390 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.3 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,870 | J2 | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 7.5 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 25,600 | | µg/L | GE |
| 0 | Potassium | 1,070 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 13,600 | | µg/L | GE |

WELL FSB103C collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,100 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 210,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 143 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 36 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-08 ± 2.7E-09 | | µCi/mL | GE |
| 0 | Total activity | 7.3E-04 ± 6.3E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 6.7E-04 ± 3.9E-06 | | µCi/mL | GE |

## WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 17.61 ft (5.37 m) below TOC
Water elevation: 201.49 ft (61.41 m) msl
Sp. conductance: 408 µS/cm
Water evacuated before sampling: 133 gal

Time: 10:45
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 1 | Specific conductance | 392 | | µS/cm | GE |
| 1 | Specific conductance | 392 | | µS/cm | GE |
| 2 | Aluminum | 253 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 87 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 46,500 | J2 | µg/L | GE |
| 0 | Chloride | 2,720 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 6.9 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Lead | 3.2 | | µg/L | GE |
| 0 | Magnesium | 6,340 | J2 | µg/L | GE |
| 1 | Manganese | 38 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 18 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 50,400 | | µg/L | GE |
| 0 | Potassium | 1,520 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 12,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 18,200 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 326,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 70 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 4.9E-08 ± 4.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.3E-03 ± 2.8E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.3E-03 ± 5.2E-06 | | µCi/mL | GE |

## WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 14.08 ft (4.29 m) below TOC
Water elevation: 205.12 ft (62.52 m) msl
Sp. conductance: 853 µS/cm
Water evacuated before sampling: 39 gal

Time: 10:20
pH: 3.5
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.7 | JQ | pH | GE |
| 2 | Specific conductance | 920 | | µS/cm | GE |
| 2 | Aluminum | 45,500 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 218 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL FSB104D collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 9.6 | | µg/L | GE |
| 0 | Calcium | 2,870 | J2 | µg/L | GE |
| 0 | Chloride | 2,090 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 1 | Cobalt | 37 | | µg/L | GE |
| 0 | Copper | 46 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 345 | | µg/L | GE |
| 0 | Iron | 53 | | µg/L | GE |
| 0 | Lead | 3.3 | | µg/L | GE |
| 0 | Magnesium | 1,930 | | µg/L | GE |
| 2 | Manganese | 949 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 22 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 122,000 | | µg/L | GE |
| 0 | Potassium | 925 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 34,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 46,700 | | µg/L | GE |
| 0 | Sulfate | 2,940 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 409,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 2 | Uranium | 1,190 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 65 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 4.9E-07 ± 1.9E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.3E-08 ± 3.6E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 7.3E-03 ± 1.5E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 4.1E-08 ± 3.6E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.7E-03 ± 1.3E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 77.51 ft (23.63 m) below TOC
Water elevation: 208.29 ft (63.49 m) msl
Sp. conductance: 1538 µS/cm
Water evacuated before sampling: 175 gal
Time: 11:25
pH: 3.3
Alkalinity: 0 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.6 | JQ | pH | GE |
| 2 | Specific conductance | 1,300 | | µS/cm | GE |
| 2 | Aluminum | 23,900 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 249 | | µg/L | GE |
| 2 | Cadmium | 5.2 | | µg/L | GE |
| 0 | Calcium | 5,270 | J2 | µg/L | GE |
| 0 | Chloride | 3,050 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 227 | | µg/L | GE |
| 0 | Copper | 22 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 704 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,380 | | µg/L | GE |
| 2 | Manganese | 2,210 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 30 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 200,000 | | µg/L | GE |
| 0 | Potassium | 547 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |

WELL FSB105C collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 21,900 | | µg/L | GE |
| 0 | Sulfate | 2,020 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 627,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 2 | Uranium | 133 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 58 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 2.0E-07 ± 2.4E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.2E-06 ± 3.0E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 9.8E-03 ± 1.7E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.1E-07 ± 5.8E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.0E-03 ± 1.4E-05 | | µCi/mL | GE |
| 2 | Tritium | 9.2E-03 ± 1.4E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB105DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 74.33 ft (22.66 m) below TOC
Water elevation: 211.27 ft (64.40 m) msl
Sp. conductance: 2760 µS/cm
Water evacuated before sampling: 60 gal
Time: 10:55
pH: 2.9
Alkalinity: 0 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.4 | JQ | pH | GE |
| 2 | Specific conductance | 2,720 | | µS/cm | GE |
| 2 | Aluminum | 56,400 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 1 | Barium | 1,120 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | 2.2 | | µg/L | GE |
| 0 | Calcium | 4,030 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,880 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | 4.0 | | µg/L | GE |
| 2 | Cobalt | 342 | | µg/L | GE |
| 0 | Copper | 99 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 662 | | µg/L | GE |
| 1 | Iron | 299 | | µg/L | GE |
| 1 | Lead | 9.1 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ | µg/L | GE |

WELL FSB106DR collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Magnesium | 1,260 | | µg/L | GE |
| 2 | Manganese | 3,990 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ | µg/L | GE |
| 1 | Nickel | 75 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 400,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,080 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 41,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 371,000 | | µg/L | GE |
| 0 | Sodium | 386,000 | | µg/L | GE |
| 0 | Sulfate | 2,940 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | 4.3 | | µg/L | GE |
| 0 | Total dissolved solids | 1.9E+06 | V | µg/L | GE |
| 0 | Total organic carbon | 1,820 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 2 | Uranium | 1,650 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 108 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 2.9E-07 ± 1.8E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 9.8E-07 ± 3.2E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.6E-02 ± 2.7E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.0E-07 ± 6.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.5E-02 ± 2.4E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 33.59 ft (10.24 m) below TOC
Water elevation: 201.51 ft (61.42 m) msl
Sp. conductance: 537 µS/cm
Water evacuated before sampling: 120 gal
Time: 9:25
pH: 5.0
Alkalinity: 6 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 2 | Specific conductance | 500 | | µS/cm | GE |
| 2 | Aluminum | 1,650 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 84 | | µg/L | GE |
| 2 | Cadmium | 6.1 | | µg/L | GE |
| 0 | Calcium | 20,700 | J2 | µg/L | GE |
| 0 | Chloride | 3,030 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 1 | Cobalt | 31 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 395 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 3,860 | J2 | µg/L | GE |
| 2 | Manganese | 655 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 9.4 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 75,000 | | µg/L | GE |
| 0 | Potassium | 583 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 4,560 | | µg/L | GE |

WELL FSB106C collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 26,100 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 380,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 23 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 3.5E-08 ± 5.7E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 8.5E-07 ± 2.1E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.7E-03 ± 3.2E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 2.4E-08 ± 2.9E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.7E-03 ± 6.1E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: 28.84 ft (8.79 m) below TOC
Water elevation: 206.06 ft (62.81 m) msl
Sp. conductance: 113 µS/cm
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.
Time: 8:30
pH: 5.8
Alkalinity: 48 mg/L
Water temperature: 23.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 20,900 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 11 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.2 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 665 | J2 | µg/L | GE |
| 1 | Manganese | 27 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 2 | Nickel | 208 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,140 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,060 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 649 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |

WELL FSB106D collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silica | 4,790 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,080 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 42 | | µg/L | GE |
| 0 | Total phosphates (as P) | 83 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 736 | | µg/L | GE |

## WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 — Time: 14:45
Depth to water: 59.69 ft (18.19 m) below TOC — pH: 6.3
Water elevation: 211.20 ft (64.37 m) msl — Alkalinity: 60 mg/L
Sp. conductance: 165 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 159 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | Specific conductance | 170 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 33 | | µg/L | GE |
| 0 | Barium | 33 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 27,700 | | µg/L | GE |
| 0 | Calcium | 27,500 | | µg/L | GE |
| 0 | Chloride | 2,750 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,390 | | µg/L | GE |
| 0 | Magnesium | 2,370 | | µg/L | GE |
| 1 | Manganese | 44 | | µg/L | GE |
| 1 | Manganese | 44 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 7,500 | | µg/L | GE |
| 0 | Potassium | 507 | | µg/L | GE |
| 0 | Potassium | 567 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,640 | | µg/L | GE |
| 0 | Silica | 8,740 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,720 | | µg/L | GE |
| 0 | Sodium | 6,640 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 112,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 149 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 7.4 | | µg/L | GE |
| 0 | Zinc | 7.4 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 5.6E-08 ± 4.2E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.4E-04 ± 1.7E-08 | | µCi/mL | GE |

## WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 — Time: 12:55
Depth to water: 56.46 ft (17.21 m) below TOC — pH: 3.7
Water elevation: 214.54 ft (65.39 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 147 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.9 | JQ | pH | GE |
| 0 | Specific conductance | 130 | | µS/cm | GE |
| 2 | Aluminum | 3,100 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 38 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 476 | | µg/L | GE |
| 0 | Chloride | 290 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 6.2 | | µg/L | GE |
| 0 | Copper | 11 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 205 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 332 | | µg/L | GE |
| 2 | Manganese | 137 | | µg/L | GE |
| 1 | Mercury | 1.2 | | µg/L | GE |
| 1 | Mercury | 1.1 | | µg/L | GE |
| 0 | Nickel | 5.5 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 12,400 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 20,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,380 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 58,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,430 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 2 | Uranium | 282 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 1.4E-07 ± 5.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.3E-07 ± 8.2E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 7.1E-09 ± 1.8E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.7E-05 ± 1.4E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 — Time: 13:30
Depth to water: 79.49 ft (24.23 m) below TOC — pH: 5.6
Water elevation: 216.51 ft (66.60 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 58 µS/cm — Water temperature: 25.5°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 2 | Aluminum | 84 | | µg/L | GE |

WELL FSB108D collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 14 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,710 | J2 | µg/L | GE |
| 0 | Chloride | 2,730 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 37 | | µg/L | GE |
| 0 | Lead | 5.2 | | µg/L | GE |
| 0 | Magnesium | 528 | J2 | µg/L | GE |
| 0 | Manganese | 20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 7.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,160 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,690 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,200 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 42,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 8.5 | | µg/L | GE |
| 0 | Total phosphates (as P) | 123 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 34 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 6.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: 78.57 ft (23.95 m) below TOC
Water elevation: 214.53 ft (65.39 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 10:15
pH: 6.0
Alkalinity: 25 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 1 | Aluminum | 31 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,240 | | µg/L | GE |
| 0 | Chloride | 830 | | µg/L | GE |
| 0 | Chloride | 910 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.3 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 1 | Lead | 11 | | µg/L | GE |
| 0 | Magnesium | 1,270 | | µg/L | GE |
| 0 | Manganese | 2.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.2 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 800 | | µg/L | GE |
| 0 | Potassium | 3,880 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,830 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,580 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 100 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.1E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-05 ± 7.0E-07 | | µCi/mL | GE |
| 2 | Tritium | 2.1E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: 32.48 ft (9.90 m) below TOC
Water elevation: 202.02 ft (61.58 m) msl
Sp. conductance: 358 µS/cm
Water evacuated before sampling: 170 gal

Time: 12:05
pH: 6.1
Alkalinity: 15 mg/L
Water temperature: 23.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 1 | Specific conductance | 290 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 74 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 36,700 | | µg/L | GE |
| 0 | Chloride | 2,760 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 4,680 | | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 6.6 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 37,500 | | µg/L | GE |
| 0 | Potassium | 1,720 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 12,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,900 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 270,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 58 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 61 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 1 | Nonvolatile beta | 3.9E-08 ± 3.4E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 3.9E-08 ± 3.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.0E-03 ± 7.3E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.2E-04 ± 4.5E-06 | | µCi/mL | GE |
| 2 | Tritium | 9.5E-04 ± 4.6E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: 28.82 ft (8.78 m) below TOC
Water elevation: 205.68 ft (62.69 m) msl
Sp. conductance: 1199 µS/cm
Water evacuated before sampling: 48 gal

Time: 12:25
pH: 3.3
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.4 | JQ | pH | GE |
| 1 | pH | 3.4 | JQ | pH | GE |
| 2 | Specific conductance | 1,300 | | µS/cm | GE |
| 2 | Specific conductance | 1,250 | | µS/cm | GE |
| 2 | Aluminum | 37,800 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |

WELL FSB110D collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 84 | | µg/L | GE |
| 1 | Cadmium | 3.2 | | µg/L | GE |
| 0 | Calcium | 1,470 | J2 | µg/L | GE |
| 0 | Chloride | 1,010 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 6.6 | | µg/L | GE |
| 0 | Copper | 67 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 199 | | µg/L | GE |
| 0 | Iron | 139 | | µg/L | GE |
| 0 | Lead | 3.4 | | µg/L | GE |
| 0 | Lead | 3.6 | | µg/L | GE |
| 0 | Magnesium | 429 | | µg/L | GE |
| 2 | Manganese | 403 | | µg/L | GE |
| 0 | Mercury | 0.27 | | µg/L | GE |
| 0 | Nickel | 19 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 163,000 | | µg/L | GE |
| 0 | Potassium | 690 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 120,000 | | µg/L | GE |
| 2 | Silica, total | 125,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 105,000 | | µg/L | GE |
| 0 | Sulfate | 27,000 | | µg/L | GE |
| 0 | Sulfate | 26,200 | | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Thallium | <2.0 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 747,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 733,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,100 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 1 | Tributyl phosphate | 70 | J1 | µg/L | GE |
| 2 | Uranium | 2,020 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 84 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 5.1E-07 ± 2.0E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 6.8E-07 ± 2.6E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.1E-02 ± 1.8E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.1E-08 ± 1.9E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.8E-03 ± 1.5E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 63.59 ft (19.38 m) below TOC
Water elevation: 212.71 ft (64.83 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 141 gal

Time: 12:20
pH: 5.3
Alkalinity: 7 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 1 | Aluminum | 28 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.3 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,370 | | µg/L | GE |
| 0 | Chloride | 3,290 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |

WELL FSB111C collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 406 | | µg/L | GE |
| 0 | Manganese | 4.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,630 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 10,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,420 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 25,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 111 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 7.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.1E-08 ± 4.0E-07 | | µCi/mL | GE |

## WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 60.51 ft (18.44 m) below TOC
Water elevation: 216.09 ft (65.87 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 38 gal

Time: 12:35
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 1 | Aluminum | 33 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 997 | | µg/L | GE |
| 0 | Chloride | 2,710 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 5.6 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 17 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 671 | | µg/L | GE |
| 0 | Manganese | 8.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,170 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,020 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,840 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 24,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 57 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 13 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.3E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL FSB112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 76.15 ft (23.21 m) below TOC
Water elevation: 152.95 ft (46.62 m) msl
Sp. conductance: 158 µS/cm
Water evacuated before sampling: 189 gal

Time: 9:50
pH: 6.6
Alkalinity: 43 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | Specific conductance | 150 | | µS/cm | GE |
| 2 | Aluminum | 186 | | µg/L | GE |

WELL FSB112A collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Aluminum | 165 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Barium | 40 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 23,700 | J2 | µg/L | GE |
| 0 | Calcium | 23,700 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,400 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 242 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 529 | | µg/L | GE |
| 0 | Magnesium | 524 | | µg/L | GE |
| 0 | Manganese | 20 | | µg/L | GE |
| 0 | Manganese | 20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 5.3 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,200 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,210 | | µg/L | GE |
| 0 | Potassium | 2,180 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 37,200 | | µg/L | GE |
| 0 | Silica | 37,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,700 | | µg/L | GE |
| 0 | Sodium | 3,680 | | µg/L | GE |
| 0 | Sulfate | 11,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 113,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 530 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 4.1 | | µg/L | GE |
| 0 | Zinc | 4.1 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.1E-08 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.8E-05 ± 1.2E-06 | | µCi/mL | GE |

## WELL FSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 14:30
Depth to water: 27.01 ft (8.23 m) below TOC pH: 4.4
Water elevation: 202.09 ft (61.60 m) msl Alkalinity: 0 mg/L
Sp. conductance: 1527 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 191 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.8 | JQ | pH | GE |
| 2 | Specific conductance | 1,420 | | µS/cm | GE |
| 2 | Aluminum | 3,180 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 222 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 2 | Cadmium | 12 | | µg/L | GE |
| 0 | Calcium | 31,200 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 5,960 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 77 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 1,280 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ | µg/L | GE |
| 0 | Magnesium | 13,400 | | µg/L | GE |
| 2 | Manganese | 1,460 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ | µg/L | GE |
| 0 | Nickel | 27 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 206,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,590 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 2,890 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 42,800 | | µg/L | GE |
| 0 | Sulfate | 1,900 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 1.2E+06 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 54 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 3.2E-08 ± 1.5E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.1E-08 ± 4.7E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |

WELL FSB112C collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 7.2E-03 ± 6.2E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.5E-07 ± 9.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.6E-03 ± 1.2E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 23.45 ft (7.15 m) below TOC
Water elevation: 206.15 ft (62.84 m) msl
Sp. conductance: 1566 µS/cm
Water evacuated before sampling: 87 gal
Time: 9:30
pH: 3.3
Alkalinity: 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.7 | JQ | pH | GE |
| 1 | pH | 3.7 | JQ | pH | GE |
| 2 | Specific conductance | 1,480 | | µS/cm | GE |
| 2 | Specific conductance | 1,480 | | µS/cm | GE |
| 2 | Aluminum | 21,700 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 240 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 1 | Cadmium | 4.8 | | µg/L | GE |
| 0 | Calcium | 1,600 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,450 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 73 | | µg/L | GE |
| 0 | Copper | 28 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 715 | | µg/L | GE |
| 0 | Iron | 47 | | µg/L | GE |
| 0 | Lead | 4.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,100 | | µg/L | GE |
| 2 | Manganese | 1,340 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 33 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 220,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 2,540 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 32,200 | | µg/L | GE |
| 0 | Sulfate | 2,460 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 759,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 39 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |

WELL FSB112D collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 3.1E-08 ± 1.5E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 3.6E-06 ± 6.0E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.0E-02 ± 7.4E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 2.5E-07 ± 1.5E-08 | | µCi/mL | GE |
| 2 | Tritium | 9.3E-03 ± 1.4E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB113A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: 84.45 ft (19.64 m) below TOC
Water elevation: 158.75 ft (48.39 m) msl
Sp. conductance: 772 µS/cm
Water evacuated before sampling: 204 gal
Time: 12:40
pH: 11.7
Alkalinity: 197 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 2 | Specific conductance | 810 | | µS/cm | GE |
| 2 | Aluminum | 3,810 | J2 | µg/L | GE |
| 2 | Aluminum | 3,800 | J2 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | 2.0 | | µg/L | GE |
| 0 | Barium | 81 | | µg/L | GE |
| 0 | Barium | 81 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 74,300 | | µg/L | GE |
| 0 | Calcium | 74,900 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,640 | | µg/L | GE |
| 0 | Chloride | 1,600 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 160 | | µg/L | GE |
| 0 | Iron | 4.8 | | µg/L | GE |
| 0 | Iron | 4.8 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 74 | | µg/L | GE |
| 0 | Magnesium | 74 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |

WELL FSB113A collected on 07/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 940 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 10,400 | | µg/L | GE |
| 0 | Potassium | 10,900 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,900 | | µg/L | GE |
| 0 | Silica | 5,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 9,540 | | µg/L | GE |
| 0 | Sodium | 9,480 | | µg/L | GE |
| 0 | Sulfate | 5,950 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 207,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | 17 | | µg/L | GE |
| 0 | Vanadium | 17 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 8.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.0E-05 ± 1.0E-06 | | µCi/mL | GE |

## WELL FSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: 20.03 ft (6.11 m) below TOC
Water elevation: 202.87 ft (61.84 m) msl
Sp. conductance: 544 µS/cm
Water evacuated before sampling: 29 gal
The well went dry during purging.

Time: 12:10
pH: 11.7
Alkalinity: 162 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 2 | Specific conductance | 700 | | µS/cm | GE |
| 2 | Aluminum | 191 | J2 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 138 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 64,300 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,150 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 136 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 129 | | µg/L | GE |

WELL FSB113C collected on 07/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,700 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,120 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,820 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,780 | | µg/L | GE |
| 0 | Sulfate | 5,550 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 4.1 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 164,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,050 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 215 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.5E-05 ± 1.1E-06 | | µCi/mL | GE |

## WELL FSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: 15.11 ft (4.61 m) below TOC
Water elevation: 207.39 ft (63.21 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 47 gal

Time: 11:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 29 | | µS/cm | GE |
| 1 | Aluminum | 29 | J2 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.8 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 543 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,660 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 34 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 661 | | µg/L | GE |
| 0 | Manganese | 6.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 840 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |

WELL FSB113D collected on 07/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silica | 6,490 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,970 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 16,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 5.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92 — Time: 9:15
Depth to water: 96.41 ft (29.38 m) below TOC — pH: 8.6
Water elevation: 155.59 ft (47.42 m) msl — Alkalinity: 75 mg/L
Sp. conductance: 181 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 158 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.7 | JQ | pH | GE |
| 0 | Specific conductance | 178 | | µS/cm | GE |
| 1 | Aluminum | 48 | J2 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | 2.3 | | µg/L | GE |
| 0 | Barium | 69 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 30,400 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,660 | | µg/L | GE |
| 0 | Chloride | 2,660 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 617 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,930 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 5,460 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 17,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,920 | | µg/L | GE |
| 0 | Sulfate | 1,670 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |

WELL FSB114A collected on 07/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 108,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 151 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 21 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.1E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.6E-07 ± 3.0E-07 | | µCi/mL | GE |

## WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92 — Time: 9:30
Depth to water: 38.41 ft (11.71 m) below TOC — pH: 5.4
Water elevation: 213.79 ft (65.16 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 61 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 146 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 58 | | µS/cm | GE |
| 0 | Aluminum | <20 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,580 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,340 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 8.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 490 | | µg/L | GE |
| 0 | Manganese | 6.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,260 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 550 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,840 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,790 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 38,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.6 | | µg/L | GE |

WELL FSB114C collected on 07/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 14 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.2E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: 35.07 ft (10.69 m) below TOC
Water elevation: 217.13 ft (66.18 m) msl
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 51 gal
Time: 9:45
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 48 | | µS/cm | GE |
| 1 | Aluminum | 26 | J2 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 760 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,700 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 7.2 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | 4.1 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 511 | | µg/L | GE |
| 0 | Manganese | 23 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 4.5 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,380 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,540 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,190 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 24,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 21 | | µg/L | GE |

WELL FSB114D collected on 07/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.3E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: 23.21 ft (7.07 m) below TOC
Water elevation: 184.59 ft (56.26 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 13:55
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 29 | | µS/cm | GE |
| 0 | Aluminum | <20 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.1 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,360 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,610 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 17 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 63 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 308 | | µg/L | GE |
| 0 | Manganese | 8.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 580 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 580 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,330 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,280 | | µg/L | GE |
| 0 | Sulfate | 1,920 | | µg/L | GE |
| 0 | Sulfate | 1,910 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 20,000 | | µg/L | GE |
| 0 | Total dissolved solids | 18,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 82 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 2 | Trichlorofluoromethane | 33 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 45 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.8E-06 ± 5.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL FSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92 Time: 11:10
Depth to water: 17.10 ft (5.21 m) below TOC pH: 4.6
Water elevation: 191.40 ft (58.34 m) msl Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 17 | | µS/cm | GE |
| 1 | Aluminum | 29 | J2 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.1 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 306 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,760 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 7.2 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | 1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 21 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 303 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 320 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,170 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,230 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | 1.4 | | µg/L | GE |
| 0 | Total dissolved solids | 5,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 87 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Gross alpha | 2.0E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 9.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL FSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92 Time: 10:35
Depth to water: 12.89 ft (3.93 m) below TOC pH: 4.8
Water elevation: 189.61 ft (57.79 m) msl Alkalinity: 1 mg/L
Sp. conductance: 25 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 21 | | µS/cm | GE |
| 1 | Aluminum | 34 | J2 | µg/L | GE |
| 1 | Aluminum | 32 | J2 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.8 | | µg/L | GE |
| 0 | Barium | 4.8 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 809 | | µg/L | GE |
| 0 | Calcium | 796 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,720 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.3 | | µg/L | GE |
| 0 | Copper | 4.3 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | J2 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 6.3 | | µg/L | GE |
| 0 | Iron | 6.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 436 | | µg/L | GE |
| 0 | Magnesium | 437 | | µg/L | GE |
| 0 | Manganese | 7.7 | | µg/L | GE |
| 0 | Manganese | 7.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 930 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,040 | | µg/L | GE |
| 0 | Silica | 7,020 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,830 | | µg/L | GE |
| 0 | Sodium | 1,840 | | µg/L | GE |

WELL FSB116C collected on 07/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 9,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 62 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.9 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 10 | | µg/L | GE |
| 0 | Zinc | 9.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 8.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL FSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92 Time: 13:35
Depth to water: 10.91 ft (3.33 m) below TOC pH: 4.9
Water elevation: 191.99 ft (58.52 m) msl Alkalinity: 1 mg/L
Sp. conductance: 55 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 1 | Aluminum | 27 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 632 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,390 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 12 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 58 | | µg/L | GE |
| 0 | Lead | 3.9 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 485 | | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 100 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |

WELL FSB116D collected on 07/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silica | 6,320 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,250 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 8,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 325 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 48 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.5E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92 Time: 14:40
Depth to water: 25.74 ft (7.85 m) below TOC pH: 3.4
Water elevation: 204.96 ft (62.47 m) msl Alkalinity: 0 mg/L
Sp. conductance: 794 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.6 | JQ | pH | GE |
| 2 | Specific conductance | 720 | | µS/cm | GE |
| 2 | Aluminum | 41,300 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 244 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 1 | Cadmium | 4.3 | | µg/L | GE |
| 0 | Calcium | 2,370 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,070 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 1 | Cobalt | 23 | | µg/L | GE |
| 0 | Copper | 34 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 403 | | µg/L | GE |
| 0 | Iron | 113 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,900 | | µg/L | GE |
| 2 | Manganese | 962 | | µg/L | GE |
| 1 | Mercury | 1.4 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 18 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 100,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 686 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 20,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,100 | | µg/L | GE |
| 0 | Sulfate | 1,950 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL FSB117D collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 261,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 2 | Uranium | 2,060 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 45 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 1.0E-08 ± 3.7E-08 | | µCi/mL | GE |
| 2 | Gross alpha | 1.1E-08 ± 3.7E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.3E-08 ± 5.2E-08 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 1.3E-08 ± 5.2E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.5E-03 ± 4.4E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 6.4E-08 ± 4.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 6.1E-08 ± 3.9E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.5E-03 ± 8.8E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 31.46 ft (9.59 m) below TOC
Water elevation: 211.64 ft (64.57 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 54 gal
Time: 13:20
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,760 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,840 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.2 | | µg/L | GE |

WELL FSB118D collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 7.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Lead | 5.2 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 723 | | µg/L | GE |
| 1 | Manganese | 28 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 5.3 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,680 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 8,350 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,820 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.3 | | µg/L | GE |
| 2 | Thallium | 4.1 | | µg/L | GE |
| 0 | Toluene | 1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 11,000 | | µg/L | GE |
| 0 | Total dissolved solids | 11,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.3 | | µg/L | GE |
| 1 | Trichlorofluoromethane | 5.6 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 31 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.3E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL FSB119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 45.73 ft (13.94 m) below TOC
Water elevation: 208.37 ft (63.51 m) msl
Sp. conductance: 1878 µS/cm
Water evacuated before sampling: 40 gal
Time: 13:45
pH: 3.2
Alkalinity: 0 mg/L
Water temperature: 25.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.5 | JQ | pH | GE |
| 2 | Specific conductance | 1,820 | | µS/cm | GE |
| 2 | Aluminum | 97,400 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 353 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 1 | Cadmium | 4.9 | | µg/L | GE |
| 0 | Calcium | 3,140 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,380 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 1 | Cobalt | 38 | | µg/L | GE |
| 0 | Copper | 52 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |

WELL FSB119D collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 532 | | µg/L | GE |
| 2 | Iron | 737 | | µg/L | GE |
| 2 | Lead | 25 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 2,020 | | µg/L | GE |
| 2 | Manganese | 1,850 | | µg/L | GE |
| 1 | Mercury | 1.8 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 39 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 264,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,360 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 25,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 81,300 | | µg/L | GE |
| 0 | Sulfate | 2,510 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 788,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,320 | | µg/L | GE |
| 0 | Total organic carbon | 2,420 | | µg/L | GE |
| 0 | Total organic halogens | 8.2 | | µg/L | GE |
| 0 | Total phosphates (as P) | 570 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 2 | Uranium | 2,420 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 91 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 7.1E-07 ± 5.8E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.2E-06 ± 5.1E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.1E-02 ± 2.4E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.1E-07 ± 6.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.0E-02 ± 2.1E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92
Depth to water: 131.89 ft (40.20 m) below TOC
Water elevation: 148.21 ft (45.17 m) msl
Sp. conductance: 480 µS/cm
Water evacuated before sampling: 161 gal
Time: 8:35
pH: 11.3
Alkalinity: 126 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 2 | pH | 11 | JQ | pH | WA |
| 2 | pH | 11 | JQ | pH | WA |
| 1 | Specific conductance | 410 | | µS/cm | GE |
| 1 | Specific conductance | 474 | JQ | µS/cm | WA |
| 1 | Specific conductance | 474 | JQ | µS/cm | WA |
| 2 | Aluminum | 1,860 | | µg/L | GE |
| 2 | Aluminum | 1,970 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 2 | Antimony | 5.3 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 44 | | µg/L | GE |
| 0 | Barium | 49 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |

WELL FSB120A collected on 07/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.88 | J3 | µg/L | WA |
| 0 | Calcium | 44,100 | | µg/L | GE |
| 0 | Calcium | 48,100 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,200 | | µg/L | GE |
| 0 | Chloride | 2,360 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 8.2 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | 0.92 | J3 | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 2.8 | J3 | µg/L | WA |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | 186 | | µg/L | GE |
| 0 | Fluoride | 181 | | µg/L | WA |
| 0 | Fluoride | 182 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 192 | | µg/L | GE |
| 0 | Magnesium | 199 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 2.4 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 9.4 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 4,650 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 4,500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 4,800 | | µg/L | GE |
| 0 | Potassium | 4,720 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,770 | | µg/L | GE |
| 0 | Silica | 8,350 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 1.2 | J3 | µg/L | WA |
| 0 | Sodium | 4,810 | | µg/L | GE |
| 0 | Sodium | 5,240 | | µg/L | WA |
| 0 | Sulfate | 1,200 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 187,000 | | µg/L | GE |
| 0 | Total dissolved solids | 107,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL FSB120A collected on 07/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 290 | | µg/L | GE |
| 0 | Total phosphates (as P) | 250 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | 0.13 | | µg/L | TM |
| 0 | Uranium | 0.13 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 5.0 | | µg/L | WA |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | 4.2 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.8E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Gross alpha | <2.5E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 1.1E-08 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.4E-08 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 1.3E-08 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 6.6E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 1.3E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 1.6E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 3.7E-05 | | µCi/mL | TM |
| 2 | Tritium | 1.3E-04 ± 3.9E-05 | | µCi/mL | TM |

## WELL FSB120A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92 Time: 8:35
Depth to water: 131.89 ft (40.20 m) below TOC pH: 11.3
Water elevation: 148.21 ft (45.17 m) msl Alkalinity: 126 mg/L
Sp. conductance: 460 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 161 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 2 | pH | 11 | JQ | pH | WA |
| 1 | Specific conductance | 410 | | µS/cm | GE |
| 1 | Specific conductance | 408 | JQ | µS/cm | WA |
| 2 | Aluminum | 1,840 | | µg/L | GE |
| 2 | Aluminum | 1,850 | | µg/L | GE |
| 2 | Aluminum | 1,930 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 2 | Arsenic | 98 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 43 | | µg/L | GE |
| 0 | Barium | 44 | | µg/L | GE |
| 0 | Barium | 49 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.50 | J3 | µg/L | WA |
| 0 | Calcium | 44,400 | | µg/L | GE |
| 0 | Calcium | 44,800 | | µg/L | GE |
| 0 | Calcium | 47,600 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,180 | | µg/L | GE |
| 0 | Chloride | 2,370 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |

WELL FSB120A collected on 07/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.22 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | 208 | | µg/L | GE |
| 0 | Fluoride | 180 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 6.5 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |
| 0 | Magnesium | 187 | | µg/L | GE |
| 0 | Magnesium | 188 | | µg/L | GE |
| 0 | Magnesium | 168 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 3.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <2.2 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 4.2 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 1 | Nitrate as nitrogen | 5,090 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 4,500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 4,580 | | µg/L | GE |
| 0 | Potassium | 4,640 | | µg/L | GE |
| 0 | Potassium | 4,530 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 1 | Selenium | 42 | | µg/L | WA |
| 0 | Silica | 9,860 | | µg/L | GE |
| 0 | Silica | 9,720 | | µg/L | GE |
| 0 | Silica | 8,180 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 4,700 | | µg/L | GE |
| 0 | Sodium | 4,740 | | µg/L | GE |
| 0 | Sodium | 5,120 | | µg/L | WA |
| 0 | Sulfate | 1,210 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 2 | Thallium | 9.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 189,000 | | µg/L | GE |
| 0 | Total dissolved solids | 94,000 | | µg/L | WA |
| 0 | Total dissolved solids | 90,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 300 | | µg/L | GE |
| 0 | Total phosphates (as P) | 344 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | Toxaphene | <4.3 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |

WELL FSB120A collected on 07/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | 0.06 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 4.8 | | µg/L | WA |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | 4.5 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.8E-09 ± 1.0E-08 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 9.8E-09 ± 2.1E-08 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.5E-08 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 3.8E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 3.7E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 2.0E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.0E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 1.6E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 3.6E-05 | | µCi/mL | TM |

## WELL FSB120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 73.02 ft (22.26 m) below TOC
Water elevation: 206.68 ft (63.00 m) msl
Sp. conductance: 450 µS/cm
Water evacuated before sampling: 147 gal
Time: 12:20
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 1 | Specific conductance | 425 | | µS/cm | GE |
| 2 | Aluminum | 271 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 128 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 26,100 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,030 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 12 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 120 | | µg/L | GE |
| 0 | Fluoride | 150 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 12,100 | | µg/L | GE |
| 2 | Manganese | 306 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 15 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 53,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,040 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 34,100 | | µg/L | GE |
| 0 | Sulfate | 1,540 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 347,000 | V | µg/L | GE |

WELL FSB120C collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 44 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 9.1E-09 ± 2.0E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 1 | Nonvolatile beta | 4.6E-08 ± 4.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.8E-03 ± 3.3E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.2E-08 ± 2.3E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.7E-03 ± 6.0E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 70.24 ft (21.41 m) below TOC
Water elevation: 210.26 ft (64.09 m) msl
Sp. conductance: 63 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.
Time: 8:25
pH: 6.0
Alkalinity: 25 mg/L
Water temperature: 25.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.7 | JQ | pH | GE |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,820 | | µg/L | GE |
| 0 | Calcium | 1,800 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,750 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |

WELL FSB120D collected on 07/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 152 | | µg/L | GE |
| 0 | Magnesium | 152 | | µg/L | GE |
| 0 | Manganese | 5.7 | | µg/L | GE |
| 0 | Manganese | 5.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 6.1 | | µg/L | GE |
| 0 | Nickel | 6.5 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 70 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 3,570 | | µg/L | GE |
| 0 | Potassium | 3,540 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 4,900 | | µg/L | GE |
| 0 | Silica | 4,860 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,560 | | µg/L | GE |
| 0 | Sodium | 5,510 | | µg/L | GE |
| 0 | Sulfate | 2,010 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 42 | | µg/L | GE |
| 0 | Zinc | 41 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 8.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.6E-05 ± 6.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.6E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL FSB121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92
Depth to water: 51.66 ft (15.75 m) below TOC
Water elevation: 204.84 ft (62.44 m) msl
Sp. conductance: 59 µS/cm
Water evacuated before sampling: 148 gal

Time: 10:05
pH: 6.0
Alkalinity: 19 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 42 | | µS/cm | GE |
| 0 | Aluminum | 20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 42 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,560 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,690 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |

WELL FSB121C collected on 07/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 525 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 385 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 700 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,530 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,180 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 6.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.5E-05 ± 1.3E-06 | | µCi/mL | GE |

## WELL FSB121DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92
Depth to water: 47.85 ft (14.58 m) below TOC
Water elevation: 207.65 ft (63.29 m) msl
Sp. conductance: 150 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 16:55
pH: 6.4
Alkalinity: 48 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | GE |
| 0 | Specific conductance | 190 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 24 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 10,200 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,390 | | µg/L | GE |
| 0 | Chloride | 1,380 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 221 | | µg/L | GE |
| 0 | Iron | 39 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ | µg/L | GE |
| 0 | Magnesium | 940 | | µg/L | GE |
| 2 | Manganese | 83 | | µg/L | GE |

WELL FSB121DR collected on 07/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 25,400 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 8,640 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,920 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 18,300 | | µg/L | GE |
| 0 | Sulfate | 3,680 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 182,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 8,250 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.080 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 86 | | µg/L | GE |
| 2 | Gross alpha | 4.0E-08 ± 6.1E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 1.7E-07 ± 7.0E-09 | V | µCi/mL | GE |
| 0 | Total activity | 5.0E-04 ± 2.0E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 7.5E-09 ± 1.8E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.7E-04 ± 3.2E-06 | | µCi/mL | GE |

## WELL FSB122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 18.18 ft (5.54 m) below TOC
Water elevation: 199.82 ft (60.91 m) msl
Sp. conductance: 476 µS/cm
Water evacuated before sampling: 104 gal
Time: 11:00
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.5 | JQ | pH | GE |
| 1 | Specific conductance | 485 | | µS/cm | GE |
| 2 | Aluminum | 546 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 126 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | 2.0 | | µg/L | GE |
| 0 | Calcium | 23,800 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,740 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 12 | | µg/L | GE |
| 0 | Copper | 5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 263 | | µg/L | GE |
| 0 | Iron | 8.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 12,400 | | µg/L | GE |
| 2 | Manganese | 188 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 17 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 55,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |

WELL FSB122C collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | 1,590 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 39,800 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 346,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.080 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 80 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 5.1E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 7.7E-08 ± 5.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.9E-03 ± 3.3E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 7.9E-09 ± 1.8E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-03 ± 6.2E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL FSB122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92
Depth to water: 13.71 ft (4.18 m) below TOC
Water elevation: 203.89 ft (62.15 m) msl
Sp. conductance: 109 µS/cm
Water evacuated before sampling: 45 gal
Time: 10:55
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 108 | | µS/cm | GE |
| 2 | Aluminum | 59 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 33 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,800 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,340 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.8 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |

WELL FSB122D collected on 07/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Lead | 6.1 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 2,780 | | µg/L | GE |
| 0 | Manganese | 23 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 5.4 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 12,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 6,340 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,750 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 85,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 10 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 23 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 5.5E-08 ± 4.1E-09 | V | µCi/mL | GE |
| 0 | Total activity | 6.0E-04 ± 5.7E-06 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 3.2E-08 ± 3.8E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.4E-04 ± 3.4E-08 | | µCi/mL | GE |

## WELL FSB123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: 27.30 ft (8.32 m) below TOC
Water elevation: 210.80 ft (64.25 m) msl
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 182 gal
Time: 10:35
pH: 5.6
Alkalinity: 13 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Aluminum | 21 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 8,460 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,890 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |

WELL FSB123C collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 586 | | µg/L | GE |
| 0 | Manganese | 9.1 | | µg/L | GE |
| 0 | Mercury | 0.44 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,300 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 11,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,700 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 50,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 250 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.4 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 17 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.6E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL FSB123D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: 25.65 ft (7.82 m) below TOC
Water elevation: 212.45 ft (64.76 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 48 gal
Time: 9:20
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.8 | JQ | pH | GE |
| 0 | pH | 4.8 | JQ | pH | WA |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Specific conductance | 38 | JQ | µS/cm | WA |
| 2 | Aluminum | 64 | | µg/L | GE |
| 1 | Aluminum | 44 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Barium | 14 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 1.3 | J3 | µg/L | WA |
| 0 | Calcium | 581 | | µg/L | GE |
| 0 | Calcium | 621 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 3,580 | | µg/L | GE |
| 0 | Chloride | 4,210 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | 2.8 | J3 | µg/L | WA |
| 0 | Copper | 7.2 | | µg/L | GE |
| 0 | Copper | 4.5 | J3 | µg/L | WA |

WELL FSB123D collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 10 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Iron | 25 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.054 | | µg/L | WA |
| 0 | Magnesium | 649 | | µg/L | GE |
| 0 | Magnesium | 660 | | µg/L | WA |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.54 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 2,180 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 2,300 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | 5.9 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 495 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,620 | | µg/L | GE |
| 0 | Silica | 6,170 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 1.3 | J3 | µg/L | WA |
| 0 | Sodium | 4,990 | | µg/L | GE |
| 0 | Sodium | 4,810 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 25,000 | | µg/L | GE |
| 0 | Total dissolved solids | 27,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 1 | Total organic halogens | 32 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 2.9 | J3 | µg/L | WA |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Zinc | 20 | J2 | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 6.0E-10 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.2E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 7.4E-10 ± 3.5E-10 | | µCi/mL | TM |

WELL FSB123D collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Radium-228 | 1.1E-09 ± 7.8E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.7E-06 ± 5.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 1.4E-06 | | µCi/mL | TM |

## WELL FSB123D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92 Time: 9:20
Depth to water: 25.65 ft (7.82 m) below TOC pH: 4.3
Water elevation: 212.45 ft (64.76 m) msl Alkalinity: 0 mg/L
Sp. conductance: 42 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.8 | JQ | pH | GE |
| 0 | pH | 4.9 | JQ | pH | WA |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Specific conductance | 37 | JQ | µS/cm | WA |
| 2 | Aluminum | 60 | | µg/L | GE |
| 1 | Aluminum | 34 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Barium | 11 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 1.0 | J3 | µg/L | WA |
| 0 | Calcium | 586 | | µg/L | GE |
| 0 | Calcium | 640 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 4,140 | | µg/L | GE |
| 0 | Chloride | 4,280 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 9.4 | | µg/L | GE |
| 0 | Copper | 3.5 | J3 | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 11 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Iron | 22 | | µg/L | WA |
| 0 | Lead | 3.7 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL FSB123D collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 651 | | µg/L | GE |
| 0 | Magnesium | 659 | | µg/L | WA |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 2,120 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 2,220 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | 5.9 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 378 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,830 | | µg/L | GE |
| 0 | Silica | 6,300 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 4,990 | | µg/L | GE |
| 0 | Sodium | 4,940 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 18,000 | | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | 0.50 ± 1.0E-02 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 17 | | µg/L | GE |
| 0 | Zinc | 21 | J2 | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.6E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | 1.6E-09 ± 5.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 1.9E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 7.4E-10 ± 3.6E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 8.8E-10 ± 3.8E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.0E-09 ± 4.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.3E-10 ± 5.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <7.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <7.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 5.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 1.3E-06 | | µCi/mL | TM |
| 2 | Tritium | 3.5E-05 ± 6.4E-06 | | µCi/mL | TM |

## WELL FSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92
Depth to water: 87.13 ft (26.56 m) below TOC

Sp. conductance: 56 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 9:10
pH: 5.1
Alkalinity: 4 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | JQ6 | µg/L | GE |

WELL FSL 1D collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | JQ | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ6 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | JQ6 | µg/L | GE |
| 0 | Acetophenone | <10 | JQ | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | JQ | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | JQ6 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | JQ | µg/L | GE |
| 0 | Aniline | <10 | JQ6 | µg/L | GE |
| 0 | Aniline | <10 | JQ | µg/L | GE |
| 0 | Anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Anthracene | <10 | JQ | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | JQ6 | µg/L | GE |
| 0 | Aramite | <10 | JQ | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ | µg/L | GE |
| 0 | Benzyl alcohol | <10 | JQ6 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | JQ | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,450 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 3,630 | | µg/L | GE |
| 0 | Chloride | 3,550 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | JQ | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | JQ6 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | JQ | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ6 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | JQ6 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | JQ | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ6 | µg/L | GE |
| 0 | Chrysene | <10 | JQ | µg/L | GE |
| 0 | Cobalt | 8.6 | | µg/L | GE |
| 0 | Copper | 13 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |

WELL FSL 1D collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Diallate | <10 | JQ6 | µg/L | GE |
| 0 | Diallate | <10 | JQ | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ | µg/L | GE |
| 0 | Dibenzofuran | <10 | JQ6 | µg/L | GE |
| 0 | Dibenzofuran | <10 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ6 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ | µg/L | GE |
| 0 | Dimethoate | <10 | JQ6 | µg/L | GE |
| 0 | Dimethoate | <10 | JQ | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | JQ6 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | JQ | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | JQ | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | JQ6 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | JQ | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | JQ6 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | JQ | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | JQ | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | JQ | µg/L | GE |
| 0 | Diphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | Diphenylamine | <10 | JQ | µg/L | GE |
| 0 | Disulfoton | <10 | JQ6 | µg/L | GE |
| 0 | Disulfoton | <10 | JQ | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | JQ6 | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | JQ | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | JQ6 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | JQ | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | JQ6 | µg/L | GE |
| 0 | Famphur | <10 | JQ | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ | µg/L | GE |
| 0 | Fluorene | <10 | JQ6 | µg/L | GE |
| 0 | Fluorene | <10 | JQ | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |

WELL FSL 1D collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ | µg/L | GE |
| 0 | Hexachloropropene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachloropropene | <10 | JQ | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | JQ6 | µg/L | GE |
| 0 | Isodrin | <10 | JQ | µg/L | GE |
| 0 | Isophorone | <10 | JQ6 | µg/L | GE |
| 0 | Isophorone | <10 | JQ | µg/L | GE |
| 0 | Isosafrole | <10 | JQ6 | µg/L | GE |
| 0 | Isosafrole | <10 | JQ | µg/L | GE |
| 0 | Kepone | <10 | JQ6 | µg/L | GE |
| 0 | Kepone | <10 | JQ | µg/L | GE |
| 2 | Lead | 20 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,030 | | µg/L | GE |
| 2 | Manganese | 208 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | JQ6 | µg/L | GE |
| 0 | Methapyrilene | <10 | JQ | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | JQ6 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | JQ | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | JQ6 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | JQ | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | JQ6 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | JQ | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | JQ | µg/L | GE |
| 0 | Naphthalene | <10 | JQ6 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | JQ | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | JQ6 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | JQ | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | JQ6 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | JQ | µg/L | GE |
| 0 | Nickel | 9.2 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,600 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | JQ | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | JQ | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | JQ | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | JQ | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | JQ | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | JQ6 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | JQ | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | JQ6 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | JQ | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL FSL 1D collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Pentachloroethane | <10 | JQ | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | JQ | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Phenacetin | <10 | JQ6 | µg/L | GE |
| 0 | Phenacetin | <10 | JQ | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ6 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ | µg/L | GE |
| 0 | Phenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenol | <10 | JQ | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | JQ6 | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | JQ | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | JQ6 | µg/L | GE |
| 0 | 2-Picoline | <10 | JQ | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | JQ6 | µg/L | GE |
| 0 | Pronamid | <10 | JQ | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Pyrene | <10 | JQ | µg/L | GE |
| 0 | Pyridine | <10 | JQ6 | µg/L | GE |
| 0 | Pyridine | <10 | JQ | µg/L | GE |
| 0 | Safrole | <10 | JQ6 | µg/L | GE |
| 0 | Safrole | <10 | JQ | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 14,500 | J2 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,440 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 1,960 | | µg/L | GE |
| 0 | Sulfate | 1,920 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | JQ6 | µg/L | GE |
| 0 | Sulfotepp | <10 | JQ | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | JQ6 | µg/L | GE |
| 0 | Thionazin | <10 | JQ | µg/L | GE |
| 0 | Tin | 3.8 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | JQ6 | µg/L | GE |
| 0 | o-Toluidine | <10 | JQ | µg/L | GE |
| 0 | Total dissolved solids | 60,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,390 | | µg/L | GE |
| 0 | Total organic carbon | 1,100 | | µg/L | GE |
| 0 | Total organic halogens | 24 | | µg/L | GE |
| 0 | Total organic halogens | 24 | | µg/L | GE |
| 0 | Total phosphates (as P) | 160 | | µg/L | GE |
| 0 | Total phosphates (as P) | 200 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 15 | | µg/L | GE |
| 2 | Trichlorofluoromethane | 31 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | JQ6 | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | JQ | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 43 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.0E-09 ± 1.8E-09 | | µCi/mL | GE |

WELL FSL 1D collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 5.6E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 8.1E-05 ± 1.4E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 1.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.5E-05 ± 1.2E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL FSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 11:10
Depth to water: 65.89 ft (20.08 m) below TOC pH: 6.0
Alkalinity: 32 mg/L
Sp. conductance: 331 µS/cm Water temperature: 23.3°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 1 | Specific conductance | 400 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | JQ6 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ6 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | JQ6 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | JQ6 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | JQ6 | µg/L | GE |
| 0 | Aniline | <10 | JQ6 | µg/L | GE |
| 0 | Anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | JQ6 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| U | Barium | 48 | | µg/L | GE |
| 0 | Barium | 48 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | JQ6 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 7,820 | | µg/L | GE |
| 0 | Calcium | 7,840 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 6,180 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | JQ6 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | JQ6 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ6 | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chloroform | 1.2 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ6 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ6 | µg/L | GE |

WELL FSL 6D collected on 08/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | JQ6 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Dibenzofuran | <10 | JQ6 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ6 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Dimethoate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ6 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | JQ6 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | JQ6 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | JQ6 | µg/L | GE |
| 0 | Diphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | Disulfoton | <10 | JQ6 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | JQ6 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | JQ6 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | JQ6 | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Fluorene | <10 | JQ6 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachloropropene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | JQ6 | µg/L | GE |
| 0 | Isophorone | <10 | JQ6 | µg/L | GE |
| 0 | Isosafrole | <10 | JQ6 | µg/L | GE |
| 0 | Kepone | <10 | JQ6 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 674 | | µg/L | GE |
| 0 | Magnesium | 677 | | µg/L | GE |
| 2 | Manganese | 447 | | µg/L | GE |
| 2 | Manganese | 448 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | JQ6 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |

WELL FSL 6D collected on 08/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methyl methacrylate | <10 | JQ6 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | JQ6 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | JQ6 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | JQ6 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | JQ6 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 8.2 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 26,500 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | JQ6 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | JQ6 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | JQ6 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenacetin | <10 | JQ6 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ6 | µg/L | GE |
| 0 | Phenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | JQ6 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | JQ6 | µg/L | GE |
| 0 | Potassium | 2,670 | | µg/L | GE |
| 0 | Potassium | 2,740 | | µg/L | GE |
| 0 | Pronamid | <10 | JQ6 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Pyridine | <10 | JQ6 | µg/L | GE |
| 0 | Safrole | <10 | JQ6 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,400 | | µg/L | GE |
| 0 | Silica | 10,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 57,400 | J2 | µg/L | GE |
| 0 | Sodium | 57,200 | J2 | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 8,020 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | JQ6 | µg/L | GE |
| 0 | Tin | 5.6 | | µg/L | GE |
| 0 | Tin | 5.4 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | JQ6 | µg/L | GE |
| 0 | Total dissolved solids | 228,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 21 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 18 | | µg/L | GE |
| 2 | Trichlorofluoromethane | 10 | | µg/L | GE |

WELL FSL 6D collected on 08/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,5-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 3.4 | | µg/L | GE |
| 0 | Zinc | 3.4 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 1 | Nonvolatile beta | 2.6E-08 ± 3.2E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 7.7E-05 ± 2.5E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.3E-04 ± 4.0E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL FSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 12:00
Depth to water: 72.01 ft (21.95 m) below TOC
Inaccessibility or mechanical problem prevented sample collection.

## WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 Time: 9:05
Depth to water: 41.68 ft (12.77 m) below TOC pH: 5.9
Water elevation: 224.12 ft (68.31 m) msl Alkalinity: 32 mg/L
Sp. conductance: 90 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | Specific conductance | 86 | JQ | µS/cm | WA |
| 0 | Specific conductance | 87 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 12 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 1.1 | J3 | µg/L | WA |
| 0 | Calcium | 18,700 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,640 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 2.2 | J3 | µg/L | WA |
| 0 | Copper | 86 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 9.3 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.22 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 29 | | µg/L | WA |

WELL FSS 1D collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 2.6 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |
| 0 | Magnesium | 491 | | µg/L | WA |
| 0 | Manganese | 10 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Nickel | 5.2 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 532 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 401 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,980 | | µg/L | WA |
| 0 | Silver | 3.3 | | µg/L | WA |
| 0 | Sodium | 3,370 | | µg/L | WA |
| 0 | Sulfate | 1,320 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 61,000 | | µg/L | WA |
| 0 | Total organic carbon | 718 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 58 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 9.5E-08 ± 6.1E-07 | | µCi/mL | CN |
| 1 | Tritium | 1.0E-05 ± 6.3E-07 | | µCi/mL | CN |

## WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 Time: 8:40
Depth to water: 38.03 ft (11.59 m) below TOC pH: 5.9
Water elevation: 223.57 ft (68.14 m) msl Alkalinity: 13 mg/L
Sp. conductance: 111 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | Specific conductance | 95 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 33 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.85 | J3 | µg/L | WA |
| 0 | Calcium | 10,900 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 3,120 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 4.3 | J3 | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 2.1 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.22 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 35 | | µg/L | WA |
| 0 | Lead | 2.8 | J3 | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |
| 0 | Magnesium | 933 | | µg/L | WA |
| 2 | Manganese | 59 | | µg/L | WA |
| 2 | Mercury | 5.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |

WELL FSS 2D collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <2.2 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 704 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 871 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,600 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 7,410 | | µg/L | WA |
| 0 | Sulfate | 15,700 | | µg/L | WA |
| 0 | Sulfate | 15,900 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 52,000 | | µg/L | WA |
| 0 | Total organic carbon | 622 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 161 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <4.3 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | 2.8E-09 ± 1.4E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.5E-09 ± 3.4E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 2 | Tritium | 1.1E-04 ± 1.8E-08 | | µCi/mL | CN |

## WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 37.83 ft (11.53 m) below TOC
Water elevation: 220.37 ft (67.17 m) msl
Sp. conductance: 56 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 8:15
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | Specific conductance | 54 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 17 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 1.4 | J3 | µg/L | WA |
| 0 | Calcium | 1,540 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 3,420 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.7 | J3 | µg/L | WA |
| 0 | Copper | 24 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 1,700 | | µg/L | WA |
| 2 | Iron | 1,840 | | µg/L | WA |
| 2 | Lead | 34 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 1,220 | | µg/L | WA |
| 2 | Manganese | 82 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | 5.0 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 783 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 675 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,810 | | µg/L | WA |

WELL FSS 3D collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | 0.75 | J3 | µg/L | WA |
| 0 | Sodium | 5,990 | | µg/L | WA |
| 0 | Sulfate | 10,800 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 4,000 | | µg/L | WA |
| 0 | Total organic carbon | 622 | | µg/L | WA |
| 1 | Total organic halogens | 38 | | µg/L | WA |
| 0 | Total phosphates (as P) | 101 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | 4.0E-09 ± 1.7E-09 | | µCi/mL | CN |
| 1 | Nonvolatile beta | 3.0E-08 ± 4.6E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 2 | Tritium | 4.9E-05 ± 1.3E-08 | | µCi/mL | CN |

## WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 72.02 ft (21.95 m) below TOC
Water elevation: 219.78 ft (66.99 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.

Time: 9:30
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 40 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.8 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.85 | J3 | µg/L | WA |
| 0 | Calcium | 1,110 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 4,240 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 5.9 | | µg/L | WA |
| 0 | Copper | 18 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 8.1 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 114 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 686 | | µg/L | WA |
| 0 | Manganese | 11 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 2,340 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 306 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,660 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 4,170 | | µg/L | WA |
| 0 | Sulfate | 1,420 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 20,000 | | µg/L | WA |
| 0 | Total dissolved solids | 20,000 | | µg/L | WA |
| 0 | Total organic carbon | 615 | | µg/L | WA |
| 1 | Total organic halogens | 29 | | µg/L | WA |
| 0 | Total phosphates (as P) | 64 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |

WELL FSS 4D collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | 1.1 | J | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 5.1E-08 ± 4.8E-07 | | µCi/mL | CN |

## WELL FTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 Time: 13:55
Depth to water: 58.00 ft (17.68 m) below TOC pH: 6.6
Water elevation: 225.10 ft (68.61 m) msl
Sp. conductance: 231 µS/cm Water temperature: 31.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 1,090 | | µg/L | GE |
| 0 | Sodium | 4,860 | | µg/L | GE |
| 2 | Gross alpha | 2.4E-08 ± 3.4E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 5.1E-08 ± 3.6E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 6.3E-08 ± 3.5E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.9E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 Time: 13:40
Depth to water: 56.00 ft (17.07 m) below TOC pH: 6.9
Water elevation: 225.30 ft (68.67 m) msl
Sp. conductance: 71 µS/cm Water temperature: 28.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 130 | | µg/L | GE |
| 0 | Sodium | 1,260 | | µg/L | GE |
| 1 | Gross alpha | 1.0E-08 ± 3.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.1E-09 ± 2.1E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 8.5E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.9E-07 ± 5.0E-07 | | µCi/mL | GE |

## WELL FTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 12:45
Depth to water: 54.50 ft (16.61 m) below TOC pH: 5.9
Water elevation: 225.50 ft (68.73 m) msl
Sp. conductance: 96 µS/cm Water temperature: 33.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 102 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 115 | | µg/L | GE |
| 0 | Sodium | 5,020 | | µg/L | GE |
| 1 | Gross alpha | 9.1E-09 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.4E-08 ± 2.3E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.3E-09 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.5E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 12:30
Depth to water: 53.50 ft (16.31 m) below TOC pH: 6.1
Water elevation: 225.00 ft (68.58 m) msl
Sp. conductance: 122 µS/cm Water temperature: 26.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 2,410 | | µg/L | GE |
| 0 | Sodium | 4,310 | | µg/L | GE |
| 0 | Gross alpha | 5.7E-09 ± 2.2E-09 | | µCi/mL | GE |

WELL FTF 4 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nonvolatile beta | 1.3E-08 ± 2.3E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 4.5E-09 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.0E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 12:15
Depth to water: 52.00 ft (15.85 m) below TOC pH: 5.9
Water elevation: 225.30 ft (68.67 m) msl
Sp. conductance: 268 µS/cm Water temperature: 29.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 1,800 | | µg/L | GE |
| 0 | Sodium | 35,400 | | µg/L | GE |
| 2 | Gross alpha | 3.3E-08 ± 5.9E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 5.2E-07 ± 1.1E-08 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.6E-08 ± 4.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.2E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 10:45
Depth to water: 53.00 ft (16.15 m) below TOC pH: 6.2
Water elevation: 225.00 ft (68.58 m) msl
Sp. conductance: 387 µS/cm Water temperature: 36.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Nitrate-nitrite as nitrogen | 10,200 | | µg/L | GE |
| 0 | Sodium | 71,100 | | µg/L | GE |
| 2 | Gross alpha | 7.9E-07 ± 1.0E-07 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 1.9E-05 ± 2.0E-07 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 3.5E-08 ± 2.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.2E-05 ± 1.0E-06 | | µCi/mL | GE |
| 2 | Tritium | 3.1E-05 ± 9.0E-07 | | µCi/mL | GE |

## WELL FTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 10:30
Depth to water: 55.00 ft (16.76 m) below TOC pH: 6.3
Water elevation: 225.00 ft (68.58 m) msl
Sp. conductance: 62 µS/cm Water temperature: 39.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Sodium | 1,730 | | µg/L | GE |
| 2 | Gross alpha | 1.2E-07 ± 1.3E-08 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 2.6E-06 ± 2.8E-08 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 2.8E-08 ± 4.8E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.0E-07 ± 5.0E-07 | | µCi/mL | GE |

## WELL FTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 10:15
Depth to water: 56.50 ft (17.22 m) below TOC pH: 6.1
Water elevation: 225.00 ft (68.58 m) msl
Sp. conductance: 151 µS/cm Water temperature: 34.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 398 | | µg/L | GE |
| 0 | Sodium | 2,220 | | µg/L | GE |
| 2 | Gross alpha | 8.3E-08 ± 8.3E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 8.0E-08 ± 4.4E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.0E-08 ± 6.3E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.2E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL FTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 Time: 12:45
Depth to water: 46.00 ft (14.63 m) below TOC pH: 6.2
Water elevation: 223.89 ft (68.24 m) msl
Sp. conductance: 139 µS/cm Water temperature: 27.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 2,080 | | µg/L | GE |
| 0 | Sodium | 3,580 | | µg/L | GE |
| 1 | Gross alpha | 7.8E-09 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.9E-09 ± 1.9E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 4.5E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-08 ± 8.0E-07 | | µCi/mL | GE |

## WELL FTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 Time: 13:30
Depth to water: 47.20 ft (14.39 m) below TOC pH: 6.5
Water elevation: 223.90 ft (68.25 m) msl
Sp. conductance: 180 µS/cm Water temperature: 30.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 1,260 | | µg/L | GE |
| 0 | Sodium | 4,000 | | µg/L | GE |
| 2 | Gross alpha | 2.2E-08 ± 3.8E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 2.2E-08 ± 3.7E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 3.7E-08 ± 3.3E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 3.5E-08 ± 3.2E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.3E-08 ± 3.1E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.9E-08 ± 8.0E-07 | | µCi/mL | GE |

## WELL FTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 Time: 13:00
Depth to water: 47.20 ft (14.39 m) below TOC pH: 7.2
Water elevation: 224.00 ft (68.26 m) msl
Sp. conductance: 57 µS/cm Water temperature: 28.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 2,120 | | µg/L | GE |
| 0 | Sodium | 7,220 | | µg/L | GE |
| 2 | Gross alpha | 2.9E-08 ± 4.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-08 ± 2.8E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.7E-08 ± 2.9E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL FTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 13:00
Depth to water: 45.00 ft (13.72 m) below TOC pH: 11.0
Water elevation: 226.70 ft (69.10 m) msl
Sp. conductance: 1503 µS/cm Water temperature: 26.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 1,990 | | µg/L | GE |
| 0 | Sodium | 6,990 | | µg/L | GE |
| 0 | Sodium | 7,030 | | µg/L | GE |
| 0 | Gross alpha | < 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.0E-08 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | < 1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL FTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 Time: 10:30
Depth to water: 61.00 ft (18.59 m) below TOC pH: 8.6
Water elevation: 224.80 ft (68.52 m) msl
Sp. conductance: 268 µS/cm Water temperature: 24.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 2,480 | | µg/L | GE |
| 0 | Sodium | 4,540 | | µg/L | GE |
| 0 | Gross alpha | 5.4E-09 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.3E-09 ± 2.1E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.6E-09 ± 3.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.6E-08 ± 8.0E-07 | | µCi/mL | GE |

## WELL FTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 Time: 9:30
The well was dry.

## WELL FTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 Time: 10:15
Depth to water: 61.00 ft (18.59 m) below TOC pH: 5.0
Water elevation: 225.50 ft (68.73 m) msl
Sp. conductance: 51 µS/cm Water temperature: 23.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 3,650 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,580 | | µg/L | GE |
| 0 | Sodium | 4,550 | | µg/L | GE |
| 0 | Gross alpha | 6.5E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 5.4E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.7E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.8E-09 ± 1.8E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 9.3E-09 ± 2.8E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 9.7E-09 ± 2.8E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.0E-08 ± 8.0E-07 | | µCi/mL | GE |

## WELL FTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 Time: 10:45
Depth to water: 64.80 ft (19.75 m) below TOC pH: 5.7
Water elevation: 223.80 ft (68.22 m) msl
Sp. conductance: 47 µS/cm Water temperature: 25.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 1,970 | | µg/L | GE |
| 0 | Sodium | 4,900 | | µg/L | GE |
| 0 | Gross alpha | 5.9E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.4E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.6E-08 ± 8.0E-07 | | µCi/mL | GE |

## WELL FTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 Time: 12:00
Depth to water: 65.50 ft (19.96 m) below TOC pH: 5.4
Water elevation: 224.10 ft (68.31 m) msl
Sp. conductance: 50 µS/cm Water temperature: 24.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 1,940 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,990 | | µg/L | GE |
| 0 | Sodium | 5,720 | | µg/L | GE |
| 1 | Gross alpha | 1.1E-08 ± 2.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.3E-09 ± 1.8E-09 | | µCi/mL | GE |

WELL FTF 17 collected on 08/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Total alpha-emitting radium | 5.3E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.5E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 — Time: 12:15
Depth to water: 64.00 ft (19.51 m) below TOC — pH: 6.0
Water elevation: 224.00 ft (68.28 m) msl
Sp. conductance: 56 µS/cm — Water temperature: 24.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 2,080 | | µg/L | GE |
| 0 | Sodium | 10,000 | | µg/L | GE |
| 1 | Gross alpha | 9.0E-09 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.1E-09 ± 1.8E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 4.6E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.2E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 — Time: 12:30
Depth to water: 63.50 ft (19.36 m) below TOC — pH: 5.4
Water elevation: 223.70 ft (68.18 m) msl
Sp. conductance: 57 µS/cm — Water temperature: 28.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 2,730 | | µg/L | GE |
| 0 | Sodium | 8,830 | | µg/L | GE |
| 0 | Gross alpha | 3.6E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.1E-08 ± 2.1E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.7E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.6E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 — Time: 10:00
Depth to water: 64.00 ft (19.51 m) below TOC — pH: 5.3
Water elevation: 223.10 ft (68.00 m) msl
Sp. conductance: 60 µS/cm — Water temperature: 28.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 1,840 | | µg/L | GE |
| 0 | Sodium | 6,240 | | µg/L | GE |
| 0 | Sodium | 6,200 | | µg/L | GE |
| 1 | Gross alpha | 8.6E-09 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.2E-09 ± 1.8E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 8.2E-09 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.7E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 6.0E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 — Time: 12:45
Depth to water: 64.00 ft (19.51 m) below TOC — pH: 11.2
Water elevation: 223.50 ft (68.12 m) msl
Sp. conductance: 4060 µS/cm — Water temperature: 28.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 256 | | µg/L | GE |
| 0 | Sodium | 38,000 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-08 ± 1.9E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Tritium | 6.8E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 — Time: 9:45
Depth to water: 64.00 ft (19.51 m) below TOC — pH: 5.1
Water elevation: 222.80 ft (67.91 m) msl
Sp. conductance: 67 µS/cm — Water temperature: 27.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 2,460 | | µg/L | GE |
| 0 | Sodium | 8,860 | | µg/L | GE |
| 1 | Gross alpha | 1.0E-08 ± 2.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.3E-09 ± 2.0E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.5E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.6E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 — Time: 11:00
Depth to water: 62.00 ft (18.90 m) below TOC — pH: 5.3
Water elevation: 224.00 ft (68.28 m) msl
Sp. conductance: 58 µS/cm — Water temperature: 27.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 3,200 | | µg/L | GE |
| 0 | Sodium | 5,930 | | µg/L | GE |
| 1 | Gross alpha | 8.5E-09 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.1E-09 ± 1.8E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.2E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.2E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 — Time: 13:15
Depth to water: 46.00 ft (14.02 m) below TOC — pH: 6.4
Water elevation: 224.30 ft (68.37 m) msl
Sp. conductance: 96 µS/cm — Water temperature: 26.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 1,910 | | µg/L | GE |
| 0 | Sodium | 12,400 | | µg/L | GE |
| 2 | Gross alpha | 2.7E-08 ± 3.9E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 2.4E-08 ± 3.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.6E-08 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.7E-08 ± 2.4E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.0E-08 ± 2.9E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.9E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL FTF 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 — Time: 13:30
Depth to water: 46.50 ft (14.17 m) below TOC — pH: 6.3
Water elevation: 224.70 ft (68.49 m) msl
Sp. conductance: 207 µS/cm — Water temperature: 29.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 2,680 | | µg/L | GE |
| 0 | Sodium | 12,400 | | µg/L | GE |
| 2 | Gross alpha | 2.7E-08 ± 4.8E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 2.9E-08 ± 3.2E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.6E-08 ± 3.3E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.8E-08 ± 3.3E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.0E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL FTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 13:45
Depth to water: 46.00 ft (14.02 m) below TOC pH: 6.4
Water elevation: 224.89 ft (68.55 m) msl
Sp. conductance: 264 µS/cm Water temperature: 28.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Nitrate-nitrite as nitrogen | 5,050 | | µg/L | GE |
| 0 | Sodium | 11,600 | | µg/L | GE |
| 2 | Gross alpha | 2.3E-08 ± 4.9E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 6.7E-08 ± 4.7E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 2.2E-08 ± 3.7E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.7E-05 ± 1.1E-06 | | µCi/mL | GE |

## WELL FTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 Time: 13:15
Depth to water: 46.00 ft (14.02 m) below TOC pH: 6.6
Water elevation: 224.50 ft (68.43 m) msl
Sp. conductance: 124 µS/cm Water temperature: 27.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 1,410 | | µg/L | GE |
| 0 | Sodium | 9,700 | | µg/L | GE |
| 0 | Gross alpha | 5.6E-09 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.1E-09 ± 1.9E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.4E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.3E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL GBW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92 Time: 16:05
Depth to water: 75.76 ft (23.09 m) below TOC pH: 4.9
Water elevation: 257.64 ft (78.59 m) msl Alkalinity: 1 mg/L
Sp. conductance: 13 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 17 gal
The well went dry during purging.

## WELL H 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 10:00
Depth to water: 18.57 ft (5.66 m) below TOC pH: 4.5
Alkalinity: 0 mg/L
Sp. conductance: 356 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 21 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total activity | 2.6E-03 ± 3.8E-05 | | µCi/mL | EM |
| 2 | Tritium | 2.3E-03 ± 7.1E-06 | | µCi/mL | GE |

## WELL H 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 16:10
Depth to water: 16.53 ft (5.04 m) below TOC pH: 4.7
Water elevation: 223.57 ft (68.14 m) msl Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm Water temperature: 29.1°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Tritium | 1.2E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL H 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 9:30
Depth to water: 15.13 ft (4.61 m) below TOC pH: 5.4
Water elevation: 226.37 ft (69.00 m) msl Alkalinity: 1 mg/L
Sp. conductance: 37 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 13 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tritium | 8.0E-06 ± 8.0E-07 | | µCi/mL | GE |

## WELL H 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 15:55
Depth to water: 17.17 ft (5.23 m) below TOC pH: 4.6
Water elevation: 226.13 ft (68.93 m) msl Alkalinity: 1 mg/L
Sp. conductance: 34 µS/cm Water temperature: 24.2°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Gross alpha | 2.5E-08 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.1E-08 ± 1.6E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL H 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 15:45
Depth to water: 15.37 ft (4.68 m) below TOC pH: 4.9
Water elevation: 224.13 ft (68.32 m) msl Alkalinity: 1 mg/L
Sp. conductance: 45 µS/cm Water temperature: 23.2°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Tritium | 2.1E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL H 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 8:35
The well was dry.

## WELL HAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 Time: 11:00
Depth to water: 27.24 ft (8.30 m) below TOC pH: 5.0
Water elevation: 271.16 ft (82.65 m) msl Alkalinity: 0 mg/L
Sp. conductance: 151 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | Specific conductance | 132 | JQ | µS/cm | WA |
| 0 | Specific conductance | 132 | JQ | µS/cm | WA |
| 0 | Turbidity | 0.39 | JQ | NTU | WA |
| 0 | Turbidity | 0.39 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 361 | | µg/L | WA |
| 0 | Chloride | 3,550 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.22 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 321 | | µg/L | WA |
| 0 | Lead | 3.7 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |

WELL HAC 1 collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Magnesium | 179 | | µg/L | WA |
| 0 | Manganese | 9.1 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,080 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 211 | J3 | µg/L | WA |
| 0 | Selenium | 2.2 | J3 | µg/L | WA |
| 0 | Silica | 6,300 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 25,200 | | µg/L | WA |
| 0 | Sulfate | 48,300 | | µg/L | WA |
| 0 | Total dissolved solids | 30,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,110 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 301 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 2 | Tritium | 5.3E-05 ± 1.4E-08 | | µCi/mL | CN |

## WELL HAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92
Depth to water: 27.33 ft (8.33 m) below TOC
Water elevation: 270.77 ft (82.53 m) msl
Sp. conductance: 426 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 13:45
pH: 5.5
Alkalinity: 13 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | WA |
| 1 | Specific conductance | 427 | JQ | µS/cm | WA |
| 0 | Turbidity | 8.5 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.5 | J3 | µg/L | WA |
| 0 | Cadmium | 0.92 | J3 | µg/L | WA |
| 0 | Calcium | 283 | | µg/L | WA |
| 0 | Chloride | 4,490 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 50 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 247 | | µg/L | WA |
| 0 | Manganese | 11 | | µg/L | WA |
| 0 | Mercury | 0.43 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 173 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | 2.8 | J3 | µg/L | WA |
| 0 | Silica | 6,370 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 77,700 | | µg/L | WA |
| 0 | Sulfate | 145,000 | | µg/L | WA |
| 0 | Total dissolved solids | 201,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,010 | | µg/L | WA |
| 0 | Total organic halogens | 16 | | µg/L | WA |
| 0 | Total phosphates (as P) | 326 | | µg/L | WA |
| 0 | Total phosphates (as P) | 339 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 2 | Tritium | 3.8E-05 ± 1.2E-08 | | µCi/mL | CN |

## WELL HAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92
Depth to water: 27.03 ft (8.24 m) below TOC
Water elevation: 270.97 ft (82.59 m) msl
Sp. conductance: 298 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 15:35
pH: 5.5
Alkalinity: 28 mg/L
Water temperature: 23.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | WA |
| 1 | Specific conductance | 285 | JQ | µS/cm | WA |
| 0 | Turbidity | 4.1 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.3 | J3 | µg/L | WA |
| 0 | Cadmium | 0.92 | J3 | µg/L | WA |
| 0 | Calcium | 2,490 | | µg/L | WA |
| 0 | Chloride | 10,300 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 96 | | µg/L | WA |
| 0 | Lead | 2.2 | J3 | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 466 | | µg/L | WA |
| 1 | Manganese | 43 | | µg/L | WA |
| 0 | Mercury | 0.34 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,060 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 444 | | µg/L | WA |
| 0 | Selenium | 2.3 | J3 | µg/L | WA |
| 0 | Silica | 6,400 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 43,500 | | µg/L | WA |
| 0 | Sulfate | 74,000 | | µg/L | WA |
| 0 | Total dissolved solids | 87,000 | | µg/L | WA |
| 0 | Total organic carbon | 602 | | µg/L | WA |
| 0 | Total organic halogens | 18 | | µg/L | WA |
| 0 | Total phosphates (as P) | 499 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 2 | Tritium | 4.3E-05 ± 1.3E-08 | | µCi/mL | CN |

## WELL HAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92
Depth to water: 25.53 ft (7.78 m) below TOC
Water elevation: 271.37 ft (82.71 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 45 gal

Time: 14:50
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 23.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 1 | pH | 6.2 | JQ | pH | WA |
| 0 | Specific conductance | 38 | | µS/cm | GE |
| 0 | Specific conductance | 40 | JQ | µS/cm | WA |
| 0 | Turbidity | <0.10 | JQ | NTU | GE |
| 0 | Turbidity | 0.22 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.9 | | µg/L | GE |
| 0 | Barium | 7.1 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.92 | J3 | µg/L | WA |
| 0 | Calcium | 97 | | µg/L | GE |
| 0 | Calcium | 124 | | µg/L | WA |
| 0 | Chloride | 3,610 | | µg/L | GE |
| 0 | Chloride | 3,730 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 24 | | µg/L | GE |
| 0 | Iron | 26 | | µg/L | WA |
| 0 | Lead | 4.2 | | µg/L | GE |
| 0 | Lead | 5.6 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |

WELL HAC 4 collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Magnesium | 256 | | µg/L | GE |
| 0 | Magnesium | 247 | | µg/L | WA |
| 1 | Manganese | 28 | | µg/L | GE |
| 1 | Manganese | 29 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,240 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,930 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,700 | | µg/L | GE |
| 0 | Silica | 5,620 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 6,440 | | µg/L | GE |
| 0 | Sodium | 6,520 | | µg/L | WA |
| 0 | Sulfate | 2,680 | | µg/L | GE |
| 0 | Sulfate | 2,500 | | µg/L | WA |
| 0 | Total dissolved solids | 22,000 | | µg/L | GE |
| 0 | Total dissolved solids | 21,000 | | µg/L | GE |
| 0 | Total dissolved solids | 41,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 7.4 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 891 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | Gross alpha | 2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.4E-09 ± 5.0E-10 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | TE |
| 2 | Tritium | 3.6E-05 ± 1.0E-06 | | µCi/mL | GP |
| 2 | Tritium | 4.0E-05 ± 1.2E-06 | | µCi/mL | CN |

## WELL HAC 4 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92
Depth to water: 25.53 ft (7.78 m) below TOC
Water elevation: 271.37 ft (82.71 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 45 gal

Time: 14:50
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 23.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Specific conductance | 41 | JQ | µS/cm | WA |
| 0 | Turbidity | <0.10 | JQ | NTU | GE |
| 0 | Turbidity | 0.58 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.9 | | µg/L | GE |
| 0 | Barium | 7.9 | | µg/L | GE |
| 0 | Barium | 7.8 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.72 | J3 | µg/L | WA |
| 0 | Calcium | 96 | | µg/L | GE |
| 0 | Calcium | 97 | | µg/L | GE |
| 0 | Calcium | 101 | | µg/L | WA |
| 0 | Chloride | 3,520 | | µg/L | GE |
| 0 | Chloride | 3,790 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 24 | | µg/L | GE |
| 0 | Iron | 24 | | µg/L | GE |
| 0 | Iron | 29 | | µg/L | WA |
| 0 | Lead | 3.9 | | µg/L | GE |

WELL HAC 4 collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 4.4 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 253 | | µg/L | GE |
| 0 | Magnesium | 259 | | µg/L | GE |
| 0 | Magnesium | 261 | | µg/L | WA |
| 1 | Manganese | 28 | | µg/L | GE |
| 1 | Manganese | 28 | | µg/L | GE |
| 1 | Manganese | 29 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,150 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,980 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,530 | | µg/L | GE |
| 0 | Silica | 5,640 | | µg/L | GE |
| 0 | Silica | 5,670 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 0.85 | J3 | µg/L | WA |
| 0 | Sodium | 6,480 | | µg/L | GE |
| 0 | Sodium | 6,510 | | µg/L | GE |
| 0 | Sodium | 6,500 | | µg/L | WA |
| 0 | Sulfate | 3,450 | | µg/L | GE |
| 0 | Sulfate | 2,440 | | µg/L | WA |
| 0 | Total dissolved solids | 25,000 | | µg/L | GE |
| 0 | Total dissolved solids | 8,000 | | µg/L | WA |
| 0 | Total dissolved solids | 8,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 6.7 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 421 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 2 | Radium-228 | 1.1E-08 ± 1.8E-09 | | µCi/mL | TE |
| 2 | Tritium | 3.6E-05 ± 1.0E-06 | | µCi/mL | GP |
| 2 | Tritium | 4.1E-05 ± 1.2E-06 | | µCi/mL | CN |

## WELL HAP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: 16.86 ft (5.14 m) below TOC
Water elevation: 272.24 ft (82.98 m) msl
Sp. conductance: 236 µS/cm
Water evacuated before sampling: 42 gal

Time: 12:45
pH: 6.2
Alkalinity: 66 mg/L
Water temperature: 21.6°C

## WELL HAP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: 18.46 ft (5.63 m) below TOC
Water elevation: 271.44 ft (82.74 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 73 gal

Time: 12:35
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.3°C

# ANALYTICAL RESULTS

## WELL HCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 — Time: 12:30
Depth to water: 39.25 ft (11.96 m) below TOC — pH: 5.0
Water elevation: 270.75 ft (82.53 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 24.3°C
Water evacuated before sampling: 16 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Barium | 28 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,980 | | µg/L | GE |
| 0 | Chloroform | 1.8 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 1 | Iron | 185 | | µg/L | GE |
| 1 | Lead | 12 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,120 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,670 | V | µg/L | GE |
| 0 | Sulfate | 1,760 | | µg/L | GE |
| 1 | Tetrachloroethylene | 4.9 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.7 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.3 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.8 | | µg/L | GE |
| 0 | Trichloroethylene | 1.6 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.1E-05 ± 1.1E-08 | | µCi/mL | GE |
| 2 | Tritium | 5.0E-05 ± 1.1E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 — Time: 11:45
Depth to water: 38.73 ft (11.81 m) below TOC
Water elevation: 272.07 ft (82.93 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL HCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 — Time: 13:00
Depth to water: 39.88 ft (12.16 m) below TOC — pH: 6.0
Water elevation: 270.42 ft (82.43 m) msl — Alkalinity: 32 mg/L
Sp. conductance: 86 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Specific conductance | 98 | | µS/cm | GE |
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,020 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 48 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Manganese | 135 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 223 | | µg/L | GE |

WELL HCA 3 collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,520 | | µg/L | GE |
| 0 | Sulfate | 3,200 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.9 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 12 | | µg/L | GE |
| 0 | Total organic halogens | 12 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.3 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 6.4E-05 ± 1.3E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 — Time: 12:00
Depth to water: 39.84 ft (12.14 m) below TOC — pH: 6.2
Water elevation: 270.86 ft (82.58 m) msl — Alkalinity: 38 mg/L
Sp. conductance: 116 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 21 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 110 | | µS/cm | GE |
| 0 | Specific conductance | 110 | | µS/cm | GE |
| 0 | Barium | 34 | | µg/L | GE |
| 0 | Barium | 35 | | µg/L | GE |
| 2 | Carbon tetrachloride | 19 | | µg/L | GE |
| 0 | Chloride | 2,280 | | µg/L | GE |
| 0 | Chloride | 2,290 | | µg/L | GE |
| 0 | Chloroform | <2.0 | | µg/L | GE |
| 0 | Iron | 26 | | µg/L | GE |
| 0 | Iron | 27 | | µg/L | GE |
| 2 | Lead | 17 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,130 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,210 | V | µg/L | GE |
| 0 | Sodium | 5,280 | V | µg/L | GE |
| 0 | Sulfate | 5,460 | | µg/L | GE |
| 0 | Sulfate | 5,470 | | µg/L | GE |
| 2 | Tetrachloroethylene | 30 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | 23 | | µg/L | GE |
| 0 | Total organic halogens | 20 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <2.0 | | µg/L | GE |
| 2 | Trichloroethylene | 12 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |

WELL HCA 4 collected on 06/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.3E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.5E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 4.0E-05 ± 1.0E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: 15.08 ft (4.60 m) below TOC
Water elevation: 264.22 ft (80.54 m) msl
Sp. conductance: 211 µS/cm
Water evacuated before sampling: 109 gal
Time: 14:35
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | 30 | | µg/L | GE |
| 0 | Iron | 30 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Manganese | 1,680 | J2 | µg/L | GE |
| 2 | Manganese | 1,690 | J2 | µg/L | GE |
| 0 | Sulfate | 83,200 | | µg/L | GE |
| 0 | Gross alpha | 6.1E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.3E-05 ± 9.0E-07 | | µCi/mL | GE |

## WELL HCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: 12.82 ft (3.91 m) below TOC
Water elevation: 268.88 ft (81.96 m) msl
Sp. conductance: 630 µS/cm
Water evacuated before sampling: 76 gal
Time: 14:55
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 2 | Iron | 636 | | µg/L | GE |
| 2 | Lead | 22 | | µg/L | GE |
| 2 | Manganese | 1,950 | J2 | µg/L | GE |
| 2 | Sulfate | 508,000 | | µg/L | GE |
| 0 | Gross alpha | 2.9E-09 ± 8.0E-10 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL HCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: 8.42 ft (2.57 m) below TOC
Water elevation: 266.98 ft (81.38 m) msl
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 88 gal
Time: 15:15
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | 21 | | µg/L | GE |
| 1 | Lead | 7.5 | | µg/L | GE |
| 0 | Manganese | 8.6 | J2 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.8E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL HCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: 12.60 ft (3.84 m) below TOC
Water elevation: 265.20 ft (80.83 m) msl
Sp. conductance: 395 µS/cm
Water evacuated before sampling: 77 gal
Time: 14:10
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | 1,020 | | µg/L | GE |
| 0 | Iron | 16 | | µg/L | GE |
| 2 | Lead | 23 | | µg/L | GE |
| 2 | Manganese | 397 | J2 | µg/L | GE |
| 1 | Sulfate | 318,000 | | µg/L | GE |
| 1 | Sulfate | 322,000 | | µg/L | GE |
| 0 | Gross alpha | 5.7E-09 ± 1.2E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.9E-09 ± 1.3E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.4E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL HET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 12.73 ft (3.88 m) below TOC
Water elevation: 269.47 ft (82.14 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.
Time: 10:35
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 22 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 2 | Tritium | 2.4E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL HET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 16.86 ft (5.14 m) below TOC
Water elevation: 260.04 ft (79.26 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 10:20
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 29 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 2 | Tritium | 3.2E-05 ± 9.0E-07 | | µCi/mL | GE |

## WELL HET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 16.35 ft (4.98 m) below TOC
Water elevation: 260.35 ft (79.36 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 10:10
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 34 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 2 | Tritium | 2.5E-05 ± 8.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL HET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 15.93 ft (4.86 m) below TOC
Water elevation: 260.77 ft (79.48 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.

Time: 9:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 71 | | µg/L | GE |
| 0 | Total organic halogens | 9.2 | | µg/L | GE |
| 2 | Tritium | 3.2E-05 ± 9.0E-07 | | µCi/mL | GE |

## WELL HMD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: 54.62 ft (16.65 m) below TOC
Water elevation: 209.68 ft (63.97 m) msl
Sp. conductance: 98 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 7:45
pH: 6.3
Alkalinity: 22 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 89 | | µS/cm | GE |
| 0 | Specific conductance | 90 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,330 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,300 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 6.8 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |

WELL HMD 1D collected on 07/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.60 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 231 | | µg/L | GE |
| 2 | Manganese | 79 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |

WELL HMD 1D collected on 07/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | 18 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 80 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | 731 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,080 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17,800 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 15,400 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 47,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 84 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.18 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.3 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.18 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 26 | | µg/L | GE |

WELL HMD 1D collected on 07/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.7E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.7E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL HMD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 9:45
Depth to water: 59.96 ft (18.28 m) below TOC pH: 5.4
Water elevation: 201.12 ft (61.30 m) msl Alkalinity: 13 mg/L
Sp. conductance: 67 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | Specific conductance | 68 | | µS/cm | GE |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Specific conductance | 64 | | µS/cm | WA |
| 0 | Specific conductance | 64 | | µS/cm | WA |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <10 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <10 | | µg/L | WA |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.055 | | µg/L | WA |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 2 | Antimony | 6.9 | J3 | µg/L | WA |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.055 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.055 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.055 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | 0.22 | J3 | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 16 | V | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 8.6 | JV | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 257 | | µg/L | GE |
| 0 | Calcium | 272 | | µg/L | WA |
| 0 | Calcium | 258 | | µg/L | WA |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.55 | | µg/L | WA |
| 0 | Chloride | 2,710 | | µg/L | GE |
| 0 | Chloride | 2,960 | | µg/L | WA |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 4.6 | J3 | µg/L | WA |
| 0 | Chromium | 2.8 | J3 | µg/L | WA |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | 1.6 | J3 | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.11 | | µg/L | WA |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.11 | | µg/L | WA |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.11 | | µg/L | WA |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Diallate | <11 | | µg/L | WA |
| 0 | Diallate | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <11 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 8.2 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.60 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.11 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.055 | | µg/L | WA |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.11 | | µg/L | WA |

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.11 | | µg/L | WA |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.055 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.055 | | µg/L | WA |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00040 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00020 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | 2-Hexanone | 1.4 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <10 | | µg/L | WA |
| 0 | Iron | 16 | | µg/L | GE |
| 0 | Iron | 9.2 | | µg/L | WA |
| 0 | Iron | 6.0 | J3 | µg/L | WA |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <0.11 | | µg/L | WA |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | <0.11 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 71 | | µg/L | GE |
| 0 | Magnesium | 97 | | µg/L | WA |
| 0 | Magnesium | 81 | | µg/L | WA |
| 0 | Manganese | 7.8 | | µg/L | GE |
| 0 | Manganese | 8.4 | | µg/L | WA |
| 0 | Manganese | 7.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <20 | | µg/L | WA |
| 0 | Methapyriene | <10 | J1 | µg/L | GE |
| 0 | Methapyriene | <10 | | µg/L | GE |
| 0 | Methapyriene | <11 | | µg/L | WA |
| 0 | Methapyriene | <11 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | 2.3 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | 1.4 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,300 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 280 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.55 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.55 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.55 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.55 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.55 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.0010 | | µg/L | WA |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00060 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 445 | | µg/L | WA |
| 0 | Potassium | 327 | J3 | µg/L | WA |
| 0 | Pronamid | <10 | J1 | µg/L | GE |

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,790 | | µg/L | GE |
| 0 | Silica | 5,230 | | µg/L | WA |
| 0 | Silica | 5,410 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | 1.1 | J3 | µg/L | WA |
| 0 | Sodium | 14,400 | | µg/L | GE |
| 0 | Sodium | 14,000 | | µg/L | WA |
| 0 | Sodium | 13,800 | | µg/L | WA |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Sulfate | 11,300 | | µg/L | GE |
| 0 | Sulfate | 10,700 | | µg/L | WA |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.0010 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.0010 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00060 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Tin | 7.5 | J3 | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | Total dissolved solids | 35,000 | JQ6 | µg/L | GE |
| 0 | Total dissolved solids | 65,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 527 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 1 | Total organic halogens | 28 | | µg/L | WA |
| 0 | Total organic halogens | 25 | | µg/L | WA |
| 0 | Total phosphates (as P) | 55 | | µg/L | GE |
| 0 | Total phosphates (as P) | 52 | | µg/L | GE |
| 0 | Total phosphates (as P) | 83 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.18 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | 4.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 3.8 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,5-T | <0.18 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 4.5 | | µg/L | WA |
| 0 | Vanadium | 2.5 | J3 | µg/L | WA |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 4.6 | | µg/L | GE |
| 0 | Zinc | 6.4 | | µg/L | WA |
| 0 | Zinc | 5.2 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <5.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 2.4E-10 ± 1.8E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <7.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.7E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 5.5E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 5.8E-06 ± 6.3E-07 | | µCi/mL | TM |

## WELL HMD 2D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92
Depth to water: 59.98 ft (18.28 m) below TOC
Water elevation: 201.12 ft (61.30 m) msl
Sp. conductance: 67 µS/cm
Water evacuated before sampling: 27 gal
Time: 9:45
pH: 5.4
Alkalinity: 13 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | Specific conductance | 52 | | µS/cm | GE |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Specific conductance | 63 | | µS/cm | GE |
| 0 | Specific conductance | 69 | | µS/cm | GE |
| 0 | Specific conductance | 63 | | µS/cm | WA |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <10 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <10 | | µg/L | WA |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.056 | | µg/L | WA |
| 0 | Aldrin | <0.11 | | µg/L | WA |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Aramite | <22 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.056 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.056 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.056 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.11 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 12 | V | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.75 | J3 | µg/L | WA |
| 0 | Calcium | 249 | | µg/L | GE |
| 0 | Calcium | 270 | | µg/L | WA |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.56 | | µg/L | WA |
| 0 | Chlordane | <1.1 | | µg/L | WA |
| 0 | Chlordane | <1.1 | | µg/L | WA |
| 0 | Chloride | 2,500 | | µg/L | GE |
| 0 | Chloride | 3,060 | | µg/L | WA |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 3.1 | J3 | µg/L | WA |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 6.4 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.11 | | µg/L | WA |
| 0 | p,p'-DDD | <0.23 | | µg/L | WA |
| 0 | p,p'-DDD | <0.23 | | µg/L | WA |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.11 | | µg/L | WA |
| 0 | p,p'-DDE | <0.23 | | µg/L | WA |
| 0 | p,p'-DDE | <0.23 | | µg/L | WA |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.11 | | µg/L | WA |
| 0 | p,p'-DDT | <0.23 | | µg/L | WA |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Diallate | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | 1.2 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.60 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.11 | | µg/L | WA |
| 0 | Dieldrin | <0.23 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.056 | | µg/L | WA |
| 0 | Endosulfan I | <0.11 | | µg/L | WA |
| 0 | Endosulfan I | <0.11 | | µg/L | WA |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.11 | | µg/L | WA |
| 0 | Endosulfan II | <0.23 | | µg/L | WA |
| 0 | Endosulfan II | <0.23 | | µg/L | WA |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.11 | | µg/L | WA |
| 0 | Endosulfan sulfate | <0.23 | | µg/L | WA |
| 0 | Endosulfan sulfate | <0.23 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.23 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.23 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.23 | | µg/L | WA |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.056 | | µg/L | WA |
| 0 | Heptachlor | <0.11 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.056 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.11 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.11 | | µg/L | WA |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00020 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00010 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <10 | | µg/L | WA |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Iron | 4.9 | J3 | µg/L | WA |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isodrin | <0.11 | | µg/L | WA |
| 0 | Isodrin | <0.23 | | µg/L | WA |
| 0 | Isodrin | <0.23 | | µg/L | WA |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Kepone | <0.11 | | µg/L | WA |
| 0 | Kepone | <0.23 | | µg/L | WA |
| 0 | Kepone | <0.23 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 2.5 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |
| 0 | Magnesium | 69 | | µg/L | GE |
| 0 | Magnesium | 77 | | µg/L | WA |
| 0 | Manganese | 7.6 | | µg/L | GE |
| 0 | Manganese | 7.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <20 | | µg/L | WA |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methapyrilene | <11 | | µg/L | WA |

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 209 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 212 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 260 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.56 | | µg/L | WA |
| 0 | PCB 1016 | <1.1 | | µg/L | WA |
| 0 | PCB 1016 | <1.1 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.56 | | µg/L | WA |
| 0 | PCB 1221 | <1.1 | | µg/L | WA |
| 0 | PCB 1221 | <1.1 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.56 | | µg/L | WA |
| 0 | PCB 1232 | <1.1 | | µg/L | WA |
| 0 | PCB 1232 | <1.1 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.56 | | µg/L | WA |
| 0 | PCB 1242 | <1.1 | | µg/L | WA |
| 0 | PCB 1242 | <1.1 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.56 | | µg/L | WA |
| 0 | PCB 1248 | <1.1 | | µg/L | WA |
| 0 | PCB 1248 | <1.1 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1254 | <2.3 | | µg/L | WA |
| 0 | PCB 1254 | <2.3 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <2.3 | | µg/L | WA |
| 0 | PCB 1260 | <2.3 | | µg/L | WA |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00050 | | µg/L | WA |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00030 | J | µg/L | WA |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 114 | J3 | µg/L | WA |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,730 | | µg/L | GE |
| 0 | Silica | 5,430 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 14,000 | | µg/L | GE |
| 0 | Sodium | 14,600 | | µg/L | WA |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Sulfate | 10,600 | | µg/L | GE |
| 0 | Sulfate | 11,600 | | µg/L | WA |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00020 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00040 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00030 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | Total dissolved solids | 32,000 | JQ6 | µg/L | GE |
| 0 | Total dissolved solids | 74,000 | | µg/L | WA |
| 0 | Total dissolved solids | 79,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 25 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 86 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.16 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |

WELL HMD 2D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | 2.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,5-T | <0.18 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 1.3 | J3 | µg/L | WA |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 3.5 | | µg/L | GE |
| 0 | Zinc | 5.6 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <5.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Radium-226 | <2.3E-10 | | µCi/mL | TM |
| 0 | Radium-226 | <7.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.5E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 5.3E-06 ± 8.0E-07 | | µCi/mL | TM |

## WELL HMD 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92
Depth to water: 58.95 ft (17.97 m) below TOC
Water elevation: 200.55 ft (61.13 m) msl
Sp. conductance: 59 µS/cm
Water evacuated before sampling: 34 gal

Time: 8:55
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |

WELL HMD 3D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,220 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,560 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 6.4 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.60 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |

WELL HMD 3D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 6.7 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 564 | | µg/L | GE |
| 1 | Manganese | 28 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | 1.4 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | 1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | 5.3 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 470 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL HMD 3D collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 669 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,870 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,700 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 12,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 2 | Thallium | 2.0 | | µg/L | GE |
| 2 | Thallium | 2.1 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 29,000 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.18 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 1 | Trichlorofluoromethane | 9.4 | | µg/L | GE |
| 1 | Trichlorofluoromethane | 9.7 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.18 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL HMD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: 50.16 ft (15.29 m) below TOC
Water elevation: 200.74 ft (61.19 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 8:20
pH: 5.6
Alkalinity: 3 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |

WELL HMD 4D collected on 07/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,980 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,430 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 21 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.60 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |

WELL HMD 4D collected on 07/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0010 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 51 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 1 | Lead | 9.8 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 447 | | µg/L | GE |
| 1 | Manganese | 49 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | 5.2 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 870 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |

WELL HMD 4D collected on 07/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Potassium | 1,280 | | µg/L | GE |
| 0 | Pronamid | <10 | J | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,470 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,610 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total dissolved solids | 14,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 95 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.18 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.18 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 58 | | µg/L | GE |
| 0 | Gross alpha | 3.0E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.1E-06 ± 5.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL HR3 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92
Depth to water: 9.97 ft (3.04 m) below TOC
Water elevation: 261.42 ft (79.68 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 160 gal

Time: 13:05
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.12 | | MSL | SP |
| 0 | Priority pollutant dioxin screen | | JQT6 | Y/N | GE |
| 0 | Acenaphthene | <10 | JQ1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ6 | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ1 | µg/L | GE |
| 0 | Copper | 74 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ1 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ6 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | JQ1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Fluorene | <10 | JQ1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ1 | µg/L | GE |

WELL HR3 11 collected on 08/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachlorocyclopentadiene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Iodine | 54 | JQ | µg/L | GE |
| 0 | Isophorone | <10 | JQ1 | µg/L | GE |
| 0 | Lead | 4.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 3.1 | | µg/L | GE |
| 0 | Mercury | 0.32 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,560 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ1 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ1 | µg/L | GE |
| 0 | Phenol | <10 | JQ6 | µg/L | GE |
| 0 | Pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Zinc | 6.2 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 7.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 2.0E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HR3 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92
Depth to water: 14.40 ft (4.39 m) below TOC
Water elevation: 261.60 ft (79.80 m) msl
Sp. conductance: 85 µS/cm
Water evacuated before sampling: 149 gal

Time: 12:20
pH: 5.8
Alkalinity: 11 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <1.5 | | MSL | SP |
| 0 | Priority pollutant dioxin screen | . | JQT6 | Y/N | GE |
| 0 | Acenaphthene | <10 | JQ6 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ6 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ6 | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ6 | µg/L | GE |
| 0 | Copper | 7.6 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ6 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ6 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | JQ6 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Fluorene | <10 | JQ6 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ6 | µg/L | GE |

WELL HR3 13 collected on 08/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachlorocyclopentadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Iodine | 93 | JQ | µg/L | GE |
| 0 | Isophorone | <10 | JQ6 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 2.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ6 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 8,590 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ6 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ6 | µg/L | GE |
| 0 | Phenol | <10 | JQ6 | µg/L | GE |
| 0 | Pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.1E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.8E-09 ± 1.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.8E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL HR8 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92
Depth to water: 11.97 ft (3.65 m) below TOC
Water elevation: 247.23 ft (75.38 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 103 gal

Time: 11:05
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.12 | | MSL | SP |
| 0 | Priority pollutant dioxin screen | . | JQT6 | Y/N | GE |
| 0 | Acenaphthene | <10 | JQ6 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ6 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ6 | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ6 | µg/L | GE |
| 0 | Copper | 122 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ6 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ6 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | JQ6 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Fluorene | <10 | JQ6 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ6 | µg/L | GE |

WELL HR8 11 collected on 08/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachlorocyclopentadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Iodine | <50 | JQ | µg/L | GE |
| 0 | Isophorone | <10 | JQ6 | µg/L | GE |
| 1 | Lead | 9.3 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ6 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,150 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ6 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ6 | µg/L | GE |
| 0 | Phenol | <10 | JQ6 | µg/L | GE |
| 0 | Pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Zinc | 8.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-09 | | µCi/mL | TE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.8E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HR8 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92
Depth to water: 17.30 ft (5.27 m) below TOC
Water elevation: 240.20 ft (73.21 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 89 gal

Time: 10:30
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <1.2 | | MSL | SP |
| 0 | Priority pollutant dioxin screen | . | JQT6 | Y/N | GE |
| 0 | Acenaphthene | <10 | JQ6 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ6 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |

WELL HR8 12 collected on 08/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ6 | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ6 | µg/L | GE |
| 0 | Copper | 254 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ6 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ6 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | JQ6 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Fluorene | <10 | JQ6 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Iodine | 116 | JQ | µg/L | GE |
| 0 | Isophorone | <10 | JQ6 | µg/L | GE |
| 2 | Lead | 20 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ6 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,370 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ6 | µg/L | GE |

WELL HR8 12 collected on 08/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ6 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ6 | µg/L | GE |
| 0 | Phenol | <10 | JQ6 | µg/L | GE |
| 0 | Pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Zinc | 23 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.0E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HR8 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 Time: 9:50
Depth to water: 14.78 ft (4.50 m) below TOC pH: 4.2
Water elevation: 238.32 ft (72.64 m) msl Alkalinity: 0 mg/L
Sp. conductance: 52 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 96 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Asbestos | <0.24 | | MSL | SP |
| 0 | Asbestos | <0.24 | | MSL | SP |
| 0 | Priority pollutant dioxin screen | . | JQT6 | Y/N | GE |
| 0 | Acenaphthene | <10 | JQ6 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ6 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzidine | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ6 | µg/L | GE |

# ANALYTICAL RESULTS

WELL HR8 13 collected on 08/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzo[g,h,i]perylene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ6 | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ6 | µg/L | GE |
| 0 | Copper | 72 | | µg/L | GE |
| 0 | Copper | 72 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <1.0 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ6 | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.9 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ6 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | JQ6 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Fluorene | <10 | JQ6 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Iodine | 124 | JQ | µg/L | GE |
| 0 | Iodine | 116 | JQ | µg/L | GE |
| 0 | Isophorone | <10 | JQ6 | µg/L | GE |
| 1 | Lead | 9.4 | | µg/L | GE |
| 1 | Lead | 9.4 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 4.7 | | µg/L | GE |
| 0 | Manganese | 4.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ6 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,910 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ6 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |

WELL HR8 13 collected on 08/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ6 | µg/L | GE |
| 0 | Phenol | <10 | JQ6 | µg/L | GE |
| 0 | Pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 46 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.3E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HR8 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 Time: 9:25
Inaccessibility or mechanical problem prevented sample collection.

## WELL HSB 1TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92 Time: 12:50
Depth to water: Not available pH: 4.5
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 44 µS/cm Water temperature: 22.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.5 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |

WELL HSB 1TB collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,530 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,820 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 5.3 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 1,040 | | µg/L | GE |
| 2 | Lead | 21 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 354 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 270 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 585 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 11,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,060 | | µg/L | GE |
| 0 | Sulfate | 11,900 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 26,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 4.7E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.9E-09 ± 1.4E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.3E-09 ± 1.0E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.2E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 39.50 ft (12.04 m) below TOC
Water elevation: 232.50 ft (70.87 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 53 gal

Time: 11:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.6 | JQ | pH | GE |
| 0 | pH | 4.8 | JQ | pH | WA |
| 0 | Specific conductance | 41 | | µS/cm | GE |
| 0 | Specific conductance | 42 | JQ | µS/cm | WA |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Turbidity | 0.73 | JQ | NTU | WA |
| 0 | Turbidity | 0.73 | JQ | NTU | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | WA |
| 1 | Aluminum | 40 | | µg/L | GE |
| 1 | Aluminum | 45 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 9.4 | | µg/L | GE |
| 0 | Barium | 9.4 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 634 | | µg/L | GE |
| 0 | Calcium | 634 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 4,010 | | µg/L | GE |
| 0 | Chloride | 4,230 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | 0.90 | J3 | µg/L | WA |
| 0 | Copper | 55 | | µg/L | GE |
| 0 | Copper | 55 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.23 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 29 | | µg/L | GE |
| 0 | Iron | 36 | | µg/L | WA |
| 1 | Lead | 13 | | µg/L | GE |
| 1 | Lead | 12 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Lindane | <0.12 | | µg/L | WA |
| 0 | Magnesium | 975 | | µg/L | GE |

WELL HSB 65 collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Magnesium | 970 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 1.2 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | Methoxychlor | <1.2 | | µg/L | WA |
| 0 | Methoxychlor | <1.2 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 2,430 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 2,680 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | Y | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 148 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,840 | | µg/L | GE |
| 0 | Silica | 6,550 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 0.72 | J3 | µg/L | WA |
| 0 | Sodium | 4,690 | | µg/L | GE |
| 0 | Sodium | 4,670 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 2.3 | J3 | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 24,000 | | µg/L | GE |
| 0 | Total dissolved solids | 60,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,210 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 5.3 | | µg/L | GE |
| 1 | Total organic halogens | 28 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 31 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 13 | | µg/L | GE |
| 0 | Zinc | 15 | J2 | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.7E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | 1.6E-09 ± 5.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.9E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.5E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.1E-09 ± 4.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 8.4E-10 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.3E-05 ± 9.0E-07 | | µCi/mL | GE |
| 2 | Tritium | 3.4E-05 ± 6.3E-06 | | µCi/mL | TM |
| 2 | Tritium | 3.6E-05 ± 6.6E-06 | | µCi/mL | TM |

## WELL HSB 65 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: 39.50 ft (12.04 m) below TOC
Water elevation: 232.50 ft (70.87 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 53 gal

Time: 11:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | GE |
| 0 | pH | 4.8 | JQ | pH | WA |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Specific conductance | 42 | JQ | µS/cm | WA |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Turbidity | 0.55 | JQ | NTU | V/A |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |

WELL HSB 65 collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acetophenone | <10 | | µg/L | WA |
| 0 | Acetophenone | <10 | | µg/L | WA |
| 1 | Aluminum | 38 | | µg/L | GE |
| 2 | Aluminum | 53 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 9.2 | | µg/L | GE |
| 0 | Barium | 9.0 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 1.1 | J3 | µg/L | WA |
| 0 | Calcium | 626 | | µg/L | GE |
| 0 | Calcium | 610 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 4,070 | | µg/L | GE |
| 0 | Chloride | 4,080 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | 1.1 | J3 | µg/L | WA |
| 0 | Copper | 56 | | µg/L | GE |
| 0 | Copper | 55 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.3 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.12 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 32 | | µg/L | GE |
| 0 | Iron | 35 | | µg/L | WA |
| 1 | Lead | 12 | | µg/L | GE |
| 1 | Lead | 11 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Magnesium | 961 | | µg/L | GE |
| 0 | Magnesium | 937 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 1.0 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 2,370 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 2,660 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 282 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |

WELL HSB 65 collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silica | 6,770 | | µg/L | GE |
| 0 | Silica | 6,530 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 0.72 | J3 | µg/L | WA |
| 0 | Sodium | 4,700 | | µg/L | GE |
| 0 | Sodium | 4,590 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 2.3 | J3 | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 25,000 | | µg/L | GE |
| 0 | Total dissolved solids | 46,000 | | µg/L | WA |
| 0 | Total dissolved solids | 46,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 18 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 24 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 13 | | µg/L | GE |
| 0 | Zinc | 96 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.0E-05 ± 9.0E-07 | | µCi/mL | GE |

## WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: 102.09 ft (31.12 m) below TOC
Water elevation: 171.51 ft (52.28 m) msl
Sp. conductance: 211 µS/cm
Water evacuated before sampling: 286 gal

Time: 11:50
pH: 7.0
Alkalinity: 76 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | Specific conductance | 198 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 1 | Aluminum | 32 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 54 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 42,200 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,560 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |

WELL HSB 65A collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 820 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 140 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,240 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 26,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,070 | | µg/L | GE |
| 0 | Sulfate | 4,860 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 121,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: 49.03 ft (14.94 m) below TOC
Water elevation: 224.67 ft (68.48 m) msl
Sp. conductance: 208 µS/cm
Water evacuated before sampling: 266 gal

Time: 10:20
pH: 7.2
Alkalinity: 84 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.8 | JQ | pH | GE |
| 0 | Specific conductance | 190 | | µS/cm | GE |
| 0 | Turbidity | 3.0 | | NTU | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 41,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,550 | | µg/L | GE |
| 0 | Chloride | 2,590 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.5 | | µg/L | GE |

WELL HSB 65B collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 841 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 70 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 17,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,800 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 105,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.1 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 2.2 | | µg/L | GE |
| 0 | Zinc | 2.3 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: 40.78 ft (12.42 m) below TOC
Water elevation: 232.84 ft (70.97 m) msl
Sp. conductance: 60 µS/cm
Water evacuated before sampling: 66 gal

Time: 10:55
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 53 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 1 | Aluminum | 28 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,250 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 5,240 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 7.8 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |

WELL HSB 65C collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 732 | | µg/L | GE |
| 0 | Manganese | 8.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,360 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,040 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | 4.1 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 35,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 14 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.4E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: 55.25 ft (16.84 m) below TOC
Water elevation: 224.95 ft (68.57 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 70 gal

Time: 14:15
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 1 | Aluminum | 40 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.2 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,070 | | µg/L | GE |
| 0 | Chloride | 2,440 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 18 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 4.3 | | µg/L | GE |
| 0 | Magnesium | 433 | | µg/L | GE |
| 0 | Manganese | 6.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,440 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,660 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,360 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 21,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 99 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 14 | | µg/L | GE |

WELL HSB 66 collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 6.3E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 8.0E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: 13.66 ft (4.17 m) below TOC
Water elevation: 224.12 ft (68.31 m) msl
Sp. conductance: 138 µS/cm
Water evacuated before sampling: 61 gal
Time: 14:40
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.3 | JQ | pH | GE |
| 0 | Specific conductance | 115 | | µS/cm | GE |
| 2 | Aluminum | 1,220 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 32 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,110 | J2 | µg/L | GE |
| 0 | Chloride | 2,470 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 19 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 105 | | µg/L | GE |
| 0 | Iron | 4.3 | | µg/L | GE |
| 0 | Lead | 3.7 | | µg/L | GE |
| 0 | Magnesium | 1,010 | | µg/L | GE |
| 2 | Manganese | 172 | | µg/L | GE |
| 2 | Mercury | 2.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 13,900 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,410 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13,500 | | µg/L | GE |
| 0 | Sulfate | 2,670 | | µg/L | GE |
| 0 | Total dissolved solids | 80,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 8.3 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 4.8E-08 ± 1.6E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.7E-08 ± 3.4E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.4E-03 ± 4.4E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 2.5E-08 ± 3.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.8E-03 ± 9.2E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 26.87 ft (8.80 m) below TOC
Water elevation: 221.23 ft (67.43 m) msl
Sp. conductance: 348 µS/cm
Water evacuated before sampling: 21 gal
Time: 8:50
pH: 3.8
Alkalinity: 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 4.0 | JQ | pH | GE |
| 1 | Specific conductance | 268 | | µS/cm | GE |
| 2 | Aluminum | 4,740 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 128 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,930 | J2 | µg/L | GE |
| 0 | Chloride | 2,050 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 16 | | µg/L | GE |
| 0 | Copper | 51 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 396 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | GE |
| 1 | Lead | 6.6 | | µg/L | GE |
| 0 | Magnesium | 2,300 | | µg/L | GE |
| 2 | Manganese | 1,080 | | µg/L | GE |
| 2 | Mercury | 2.5 | | µg/L | GE |
| 0 | Nickel | 30 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 39,000 | | µg/L | GE |
| 0 | Potassium | 1,730 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 15,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 33,400 | | µg/L | GE |
| 0 | Sulfate | 3,060 | | µg/L | GE |
| 0 | Total dissolved solids | 184,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 76 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.4E-07 ± 6.9E-09 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.1E-07 ± 6.6E-09 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.1E-07 ± 1.8E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 3.6E-08 ± 1.2E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 5.8E-08 ± 6.4E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 6.4E-03 ± 5.6E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 6.6E-08 ± 5.6E-09 | | µCi/mL | GE |
| 2 | Tritium | 6.0E-03 ± 1.2E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

# ANALYTICAL RESULTS

## WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 — Time: 9:20
Depth to water: 77.46 ft (23.61 m) below TOC — pH: 6.6
Water elevation: 171.94 ft (52.41 m) msl — Alkalinity: 49 mg/L
Sp. conductance: 142 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 327 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | Specific conductance | 130 | | µS/cm | GE |
| 0 | Specific conductance | 130 | | µS/cm | GE |
| 1 | Aluminum | 27 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 27 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 26,100 | | µg/L | GE |
| 0 | Chloride | 2,400 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 581 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 330 | | µg/L | GE |
| 0 | Potassium | 1,040 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 25,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,810 | | µg/L | GE |
| 0 | Sulfate | 5,590 | | µg/L | GE |
| 0 | Total dissolved solids | 68,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 270 | | µg/L | GE |
| 0 | Total phosphates (as P) | 300 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.0E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.6E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 — Time: 8:35
Depth to water: 32.75 ft (9.98 m) below TOC — pH: 7.4
Water elevation: 217.25 ft (66.22 m) msl — Alkalinity: 106 mg/L
Sp. conductance: 236 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 49 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.9 | JQ | pH | GE |
| 0 | Specific conductance | 207 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 48,900 | | µg/L | GE |
| 0 | Calcium | 48,800 | | µg/L | GE |
| 0 | Chloride | 2,640 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 822 | | µg/L | GE |
| 0 | Magnesium | 819 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |

WELL HSB 68B collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 240 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 21,300 | | µg/L | GE |
| 0 | Silica | 21,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,890 | | µg/L | GE |
| 0 | Sodium | 1,880 | | µg/L | GE |
| 0 | Sulfate | 1,350 | | µg/L | GE |
| 0 | Total dissolved solids | 136,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 1,280 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 51 | | µg/L | GE |
| 0 | Zinc | 51 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.5E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 — Time: 8:20
Depth to water: 32.06 ft (9.77 m) below TOC — pH: 6.0
Water elevation: 218.04 ft (66.48 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 107 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 22 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 1 | Aluminum | 29 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 14 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,340 | J2 | µg/L | GE |
| 0 | Chloride | 3,140 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 213 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 139 | | µg/L | GE |
| 1 | Lead | 10 | | µg/L | GE |
| 0 | Magnesium | 979 | | µg/L | GE |
| 1 | Manganese | 41 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 9,000 | | µg/L | GE |
| 0 | Potassium | 527 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,870 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11,200 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 79,000 | V | µg/L | GE |
| 1 | Total organic carbon | 7,580 | | µg/L | GE |
| 0 | Total organic halogens | 5.9 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 164 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.0E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.1E-08 ± 2.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.2E-08 ± 2.9E-09 | | µCi/mL | GE |
| 0 | Total activity | 2.3E-03 ± 1.1E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.4E-03 ± 7.2E-06 | | µCi/mL | GE |

## WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 — Time: 9:50
Depth to water: 16.47 ft (5.02 m) below TOC — pH: 3.7
Water elevation: 219.53 ft (66.91 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 216 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.9 | JQ | pH | GE |
| 0 | Specific conductance | 180 | | µS/cm | GE |
| 2 | Aluminum | 4,200 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 90 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,140 | | µg/L | GE |
| 0 | Chloride | 1,570 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 11 | | µg/L | GE |
| 0 | Copper | 21 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 479 | | µg/L | GE |
| 0 | Iron | 7.7 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,790 | | µg/L | GE |
| 2 | Manganese | 559 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 21 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 21,200 | | µg/L | GE |
| 0 | Potassium | 1,220 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 19,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,330 | | µg/L | GE |
| 0 | Sulfate | 3,820 | | µg/L | GE |
| 0 | Total dissolved solids | 86,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.5 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 62 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.3E-07 ± 1.1E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.7E-07 ± 2.1E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 4.3E-08 ± 1.1E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 4.1E-08 ± 3.6E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 7.9E-04 ± 2.3E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 4.5E-08 ± 4.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.3E-04 ± 4.0E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 — Time: 10:20
Depth to water: 64.34 ft (19.61 m) below TOC — pH: 6.7
Water elevation: 172.26 ft (52.51 m) msl — Alkalinity: 59 mg/L
Sp. conductance: 166 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 233 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | Specific conductance | 150 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | 2.0 | | µg/L | GE |
| 0 | Barium | 27 | | µg/L | GE |

WELL HSB 69A collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 31,100 | | µg/L | GE |
| 0 | Chloride | 2,390 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 112 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 787 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 60 | | µg/L | GE |
| 0 | Potassium | 786 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 29,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,980 | | µg/L | GE |
| 0 | Sulfate | 5,950 | | µg/L | GE |
| 0 | Total dissolved solids | 109,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 360 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 5.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-08 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 — Time: 10:55
Depth to water: 17.55 ft (5.35 m) below TOC — pH: 5.1
Water elevation: 225.25 ft (68.66 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 58 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Specific conductance | 50 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | 21 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 2 | Antimony | 5.0 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 61 | | µg/L | GE |
| 0 | Barium | 56 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.38 | J3 | µg/L | WA |
| 0 | Calcium | 4,250 | | µg/L | GE |
| 0 | Calcium | 4,000 | | µg/L | WA |
| 0 | Chloride | 2,420 | | µg/L | GE |
| 0 | Chloride | 2,800 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 1 | Copper | 815 | | µg/L | GE |
| 1 | Copper | 788 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 20 | | µg/L | GE |
| 0 | Iron | 26 | | µg/L | WA |
| 2 | Lead | 43 | | µg/L | GE |
| 2 | Lead | 39 | | µg/L | WA |
| 0 | Magnesium | 1,600 | | µg/L | GE |
| 0 | Magnesium | 1,530 | | µg/L | WA |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Manganese | 10 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | 8.5 | | µg/L | GE |
| 0 | Nickel | 4.2 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 674 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | 790 | | µg/L | GE |
| 0 | Potassium | 894 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,890 | | µg/L | GE |
| 0 | Silica | 5,660 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 0.72 | J3 | µg/L | WA |

WELL HSB 70 collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium | 2,110 | | µg/L | GE |
| 0 | Sodium | 2,150 | | µg/L | WA |
| 0 | Sulfate | 5,430 | | µg/L | GE |
| 0 | Sulfate | 4,910 | | µg/L | WA |
| 0 | Total dissolved solids | 27,000 | | µg/L | GE |
| 0 | Total dissolved solids | 97,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic carbon | 969 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <10 | | µg/L | WA |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 110 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 1.1 | J3 | µg/L | WA |
| 0 | Zinc | 119 | | µg/L | GE |
| 0 | Zinc | 125 | J2 | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.1E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | 2.7E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 6.3E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.1E-08 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 1.3E-08 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 4.9E-10 ± 2.6E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 4.4E-10 ± 2.5E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.2E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.5E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.2E-05 ± 1.0E-06 | | µCi/mL | GE |
| 2 | Tritium | 3.7E-05 ± 1.8E-06 | | µCi/mL | TM |
| 2 | Tritium | 3.8E-05 ± 1.7E-06 | | µCi/mL | TM |

## WELL HSB 70 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 17.55 ft (5.35 m) below TOC
Water elevation: 225.25 ft (68.60 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 51 gal
Time: 10:55
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.0 | JQ | pH | WA |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Specific conductance | 50 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | 25 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 2 | Antimony | 7.7 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 59 | | µg/L | GE |
| 0 | Barium | 59 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 4,390 | | µg/L | GE |
| 0 | Calcium | 4,070 | | µg/L | WA |
| 0 | Chloride | 2,450 | | µg/L | GE |
| 0 | Chloride | 2,840 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 1 | Copper | 799 | | µg/L | GE |
| 1 | Copper | 761 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 22 | | µg/L | GE |
| 0 | Iron | 24 | | µg/L | WA |
| 2 | Lead | 41 | | µg/L | GE |
| 1 | Lead | 8.2 | | µg/L | WA |
| 0 | Magnesium | 1,580 | | µg/L | GE |
| 0 | Magnesium | 1,560 | | µg/L | WA |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | 7.8 | | µg/L | GE |
| 0 | Nickel | 5.5 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 673 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,550 | | µg/L | GE |
| 0 | Potassium | 822 | | µg/L | GE |
| 0 | Potassium | 817 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,920 | | µg/L | GE |
| 0 | Silica | 5,690 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 0.72 | J3 | µg/L | WA |
| 0 | Sodium | 2,090 | | µg/L | GE |
| 0 | Sodium | 2,110 | | µg/L | WA |

WELL HSB 70 collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sulfate | 5,400 | | µg/L | GE |
| 0 | Sulfate | 5,010 | | µg/L | WA |
| 0 | Total dissolved solids | 36,000 | JQV6 | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | JQV6 | µg/L | GE |
| 0 | Total dissolved solids | 83,000 | | µg/L | WA |
| 0 | Total dissolved solids | 81,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 771 | | µg/L | WA |
| 0 | Total organic halogens | 22 | | µg/L | GE |
| 2 | Total organic halogens | 86 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 178 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 123 | | µg/L | GE |
| 0 | Zinc | 144 | J2 | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.6E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 7.7E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.3E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 4.1E-10 ± 2.5E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.0E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.4E-05 ± 1.0E-06 | | µCi/mL | GE |
| 2 | Tritium | 4.6E-05 ± 2.0E-06 | | µCi/mL | TM |

## WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 19.21 ft (5.86 m) below TOC
Water elevation: 223.89 ft (68.24 m) msl
Sp. conductance: 604 µS/cm
Water evacuated before sampling: 28 gal
The well went dry during purging.
Time: 6:30
pH: 11.6
Alkalinity: 65 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 1 | Specific conductance | 382 | | µS/cm | GE |
| 1 | Aluminum | 26 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 105 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 24,500 | J2 | µg/L | GE |
| 0 | Chloride | 3,580 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,280 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 27,500 | | µg/L | GE |
| 0 | Potassium | 6,910 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,040 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 30,100 | | µg/L | GE |
| 0 | Sulfate | 2,200 | | µg/L | GE |
| 0 | Total dissolved solids | 240,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.0E-07 ± 9.1E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.0E-03 ± 1.2E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.1E-03 ± 8.2E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |

WELL HSB 70C collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92 — Time: 13:25
Depth to water: 16.03 ft (4.89 m) below TOC — pH: 4.8
Water elevation: 225.37 ft (68.69 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 1 | Aluminum | 34 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 540 | V | µg/L | GE |
| 0 | Chloride | 2,660 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 82 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | 6.6 | | µg/L | GE |
| 0 | Lead | 6.4 | | µg/L | GE |
| 0 | Magnesium | 475 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 50 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 5,670 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,190 | | µg/L | GE |
| 0 | Sulfate | 1,240 | | µg/L | GE |
| 0 | Total dissolved solids | 17,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.9E-05 ± 1.2E-06 | | µCi/mL | GE |

## WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92 — Time: 8:05
Depth to water: 18.21 ft (5.55 m) below TOC — pH: 8.5
Water elevation: 223.39 ft (68.09 m) msl — Alkalinity: 44 mg/L
Sp. conductance: 500 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 23 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.1 | JQ | pH | GE |
| 1 | Specific conductance | 438 | | µS/cm | GE |
| 2 | Aluminum | 108 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 97 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 21,000 | | µg/L | GE |
| 0 | Chloride | 4,930 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 116 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 5,430 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.2 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 50,000 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 52,000 | | µg/L | GE |

WELL HSB 71C collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | 5,190 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,680 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 67,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 359,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 2.6E-08 ± 5.5E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.4E-07 ± 7.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 8.1E-03 ± 6.6E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 6.4E-09 ± 1.3E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 6.8E-09 ± 1.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.4E-03 ± 1.3E-05 | | µCi/mL | GE |
| 2 | Tritium | 7.8E-03 ± 1.3E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 — Time: 13:55
Depth to water: 63.96 ft (19.50 m) below TOC — pH: 6.8
Water elevation: 173.34 ft (52.83 m) msl — Alkalinity: 77 mg/L
Sp. conductance: 197 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 284 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | Specific conductance | 122 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 31 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 36,400 | | µg/L | GE |
| 0 | Chloride | 2,500 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 768 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 190 | | µg/L | GE |
| 0 | Potassium | 1,020 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 27,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,760 | | µg/L | GE |
| 0 | Sulfate | 5,570 | | µg/L | GE |
| 0 | Total dissolved solids | 117,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 90 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 Time: 12:40
Depth to water: 14.03 ft (4.28 m) below TOC pH: 6.5
Water elevation: 222.97 ft (67.96 m) msl Alkalinity: 47 mg/L
Sp. conductance: 118 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 267 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | Specific conductance | 108 | | µS/cm | GE |
| 1 | Aluminum | 34 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 37 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 19,500 | | µg/L | GE |
| 0 | Chloride | 2,460 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 140 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 555 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 990 | | µg/L | GE |
| 0 | Potassium | 806 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 28,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,330 | | µg/L | GE |
| 0 | Sulfate | 1,160 | | µg/L | GE |
| 0 | Total dissolved solids | 74,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 732 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 9.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.0E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 Time: 12:50
Depth to water: 12.29 ft (3.75 m) below TOC pH: 5.1
Water elevation: 224.61 ft (68.52 m) msl Alkalinity: 1 mg/L
Sp. conductance: 24 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 170 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,270 | | µg/L | GE |
| 0 | Chloride | 2,510 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 11 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.8 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 454 | | µg/L | GE |
| 0 | Manganese | 7.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 80 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 14,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,600 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 23,000 | | µg/L | GE |
| 0 | Total dissolved solids | 22,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 101 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |

WELL HSB 83C collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.9E-07 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.0E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 Time: 12:10
Depth to water: 12.29 ft (3.75 m) below TOC pH: 4.9
Water elevation: 224.71 ft (68.49 m) msl Alkalinity: 0 mg/L
Sp. conductance: 88 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 68 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 75 | | µS/cm | GE |
| 2 | Aluminum | 78 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 26 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,230 | | µg/L | GE |
| 0 | Chloride | 2,440 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 27 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 36 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,320 | | µg/L | GE |
| 1 | Manganese | 49 | | µg/L | GE |
| 0 | Mercury | 0.54 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 50 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,980 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 9,520 | | µg/L | GE |
| 0 | Sulfate | 1,400 | | µg/L | GE |
| 0 | Total dissolved solids | 57,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 26 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 9.4E-04 ± 2.5E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 7.9E-04 ± 4.2E-06 | | µCi/mL | GE |
| 2 | Tritium | 8.2E-04 ± 4.3E-06 | | µCi/mL | GE |

## WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 9:55
Depth to water: 56.75 ft (17.30 m) below TOC pH: 6.4
Water elevation: 171.95 ft (52.41 m) msl Alkalinity: 31 mg/L
Sp. conductance: 114 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 281 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 102 | | µS/cm | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | 3.6 | | µg/L | GE |
| 0 | Barium | 29 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 17,700 | J2 | µg/L | GE |
| 0 | Chloride | 2,480 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |

WELL HSB 84A collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 122 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 705 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 130 | | µg/L | GE |
| 0 | Potassium | 803 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 24,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,110 | | µg/L | GE |
| 0 | Sulfate | 5,760 | | µg/L | GE |
| 0 | Total dissolved solids | 85,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 584 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.5E-07 ± 7.1E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promuthium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.6E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.7E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 18.20 ft (5.55 m) below TOC
Water elevation: 210.70 ft (64.22 m) msl
Sp. conductance: 130 µS/cm
Water evacuated before sampling: 45 gal
The well went dry during purging.

Time: 9:05
pH: 9.5
Alkalinity: 46 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.3 | JQ | pH | GE |
| 0 | Specific conductance | 112 | | µS/cm | GE |
| 1 | Aluminum | 35 | | µg/L | GE |
| 1 | Aluminum | 35 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 35 | | µg/L | GE |
| 0 | Barium | 35 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 18,400 | J2 | µg/L | GE |
| 0 | Calcium | 18,400 | J2 | µg/L | GE |
| 0 | Chloride | 2,440 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |

WELL HSB 84B collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 240 | | µg/L | GE |
| 0 | Magnesium | 240 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 840 | | µg/L | GE |
| 0 | Potassium | 3,100 | | µg/L | GE |
| 0 | Potassium | 3,080 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 33,600 | | µg/L | GE |
| 0 | Silica | 33,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,630 | | µg/L | GE |
| 0 | Sodium | 4,620 | | µg/L | GE |
| 0 | Sulfate | 2,870 | | µg/L | GE |
| 0 | Total dissolved solids | 101,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 162 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.6E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.5E-05 ± 1.3E-08 | | µCi/mL | GE |
| 2 | Tritium | 7.8E-05 ± 1.3E-08 | | µCi/mL | GE |

## WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 15.28 ft (4.66 m) below TOC
Water elevation: 213.82 ft (65.17 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 16 gal
The well went dry during purging.

Time: 9:20
pH: 8.6
Alkalinity: 31 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 8.9 | JQ | pH | GE |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 14 | | µg/L | GE |
| 1 | Cadmium | 2.5 | | µg/L | GE |
| 0 | Calcium | 10,500 | | µg/L | GE |
| 0 | Chloride | 3,770 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 1 | Iron | 177 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 742 | | µg/L | GE |
| 0 | Manganese | 3.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,870 | | µg/L | GE |
| 0 | Potassium | 1,630 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 11,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,330 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 49,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 86 | | µg/L | GE |
| 0 | Gross alpha | 2.2E-09 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-08 ± 2.8E-09 | | µCi/mL | GE |
| 0 | Total activity | 4.0E-04 ± 4.7E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.8E-04 ± 2.9E-06 | | µCi/mL | GE |

## WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 9:40
Depth to water: 9.85 ft (3.00 m) below TOC pH: 4.0
Water elevation: 218.95 ft (66.74 m) msl Alkalinity: 0 mg/L
Sp. conductance: 104 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.3 | JQ | pH | GE |
| 0 | Specific conductance | 90 | | µS/cm | GE |
| 2 | Aluminum | 1,530 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 22 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,550 | | µg/L | GE |
| 0 | Chloride | 2,420 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 5.7 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 193 | | µg/L | GE |
| 0 | Iron | 6.7 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 523 | | µg/L | GE |
| 2 | Manganese | 128 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 9,300 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 8,800 | | µg/L | GE |
| 0 | Potassium | 524 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 11,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,130 | | µg/L | GE |
| 0 | Sulfate | 4,450 | | µg/L | GE |
| 0 | Total dissolved solids | 45,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 26 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 1 | Cobalt-60 | 5.0E-08 ± 7.4E-09 | | µCi/mL | GP |
| 1 | Cobalt-60 | 5.4E-08 ± 1.3E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 7.3E-04 ± 6.3E-06 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.7E-08 ± 2.6E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.0E-04 ± 3.9E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 11:20
Depth to water: 125.32 ft (38.20 m) below TOC pH: 6.6
Water elevation: 189.08 ft (51.54 m) msl Alkalinity: 83 mg/L
Sp. conductance: 185 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 283 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 165 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 31 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |

WELL HSB 85A collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 33,200 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,350 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 830 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,050 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 28,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,730 | | µg/L | GE |
| 0 | Sulfate | 6,090 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 121,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 137 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 1 | Trichlorofluoromethane | 6.5 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 11:35
Depth to water: 61.13 ft (18.63 m) below TOC pH: 11.3
Water elevation: 233.37 ft (71.13 m) msl Alkalinity: 119 mg/L
Sp. conductance: 513 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 50 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.7 | JQ | pH | GE |
| 0 | Specific conductance | 175 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 1 | Aluminum | 38 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 32 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |

WELL HSB 85B collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 36,300 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,960 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,270 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 520 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 901 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 17,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,260 | | µg/L | GE |
| 0 | Sulfate | 1,580 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 149,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.4E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 10:45
Depth to water: 55.12 ft (16.80 m) below TOC pH: 4.6
Water elevation: 238.96 ft (72.84 m) msl Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 65 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.6 | JQ | pH | GE |
| 0 | pH | 4.6 | JQ | pH | WA |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Specific conductance | 35 | JQ | µS/cm | WA |
| 0 | Specific conductance | 35 | JQ | µS/cm | WA |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Turbidity | <0.20 | JQ | NTU | WA |
| 0 | Turbidity | <0.20 | JQ | NTU | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 1 | Aluminum | 33 | | µg/L | GE |
| 0 | Aluminum | 25 | J3 | µg/L | WA |
| 1 | Aluminum | 30 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |

WELL HSB 85C collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.1 | | µg/L | GE |
| 0 | Barium | 4.5 | J3 | µg/L | WA |
| 0 | Barium | 4.8 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 172 | J2 | µg/L | GE |
| 0 | Calcium | 203 | | µg/L | WA |
| 0 | Calcium | 199 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,980 | | µg/L | GE |
| 0 | Chloride | 3,440 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 26 | | µg/L | GE |
| 0 | Copper | 22 | | µg/L | WA |
| 0 | Copper | 22 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 2.7 | | µg/L | GE |
| 0 | Dichloromethane | 4.2 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.12 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 7.5 | | µg/L | GE |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.059 | | µg/L | WA |
| 0 | Magnesium | 103 | | µg/L | GE |
| 0 | Magnesium | 100 | | µg/L | WA |
| 0 | Magnesium | 100 | | µg/L | WA |
| 0 | Manganese | 2.4 | | µg/L | GE |
| 0 | Manganese | 2.2 | | µg/L | WA |
| 0 | Manganese | 1.8 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.59 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,980 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,920 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |

WELL HSB 85C collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | 102 | J3 | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | 2.2 | J3 | µg/L | WA |
| 0 | Silica | 6,560 | | µg/L | GE |
| 0 | Silica | 6,210 | | µg/L | WA |
| 0 | Silica | 6,020 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 3,780 | | µg/L | GE |
| 0 | Sodium | 3,950 | | µg/L | WA |
| 0 | Sodium | 3,770 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 3.7 | J3 | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 30,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 22,000 | | µg/L | WA |
| 0 | Total dissolved solids | 18,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 573 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | 6.3 | | µg/L | WA |
| 0 | Zinc | 16 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.6E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.2E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 6.2E-10 ± 3.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.7E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.7E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 4.1E-06 ± 2.6E-07 | | µCi/mL | TM |

## WELL HSB 85C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 55.12 ft (16.80 m) below TOC
Water elevation: 238.96 ft (72.84 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 65 gal
Time: 10:45
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.5 | JQ | pH | GE |
| 0 | pH | 4.8 | JQ | pH | WA |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Specific conductance | 35 | JQ | µS/cm | WA |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Turbidity | <0.20 | JQ | NTU | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 1 | Aluminum | 35 | | µg/L | GE |
| 0 | Aluminum | 23 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.9 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |

WELL HSB 85C collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 150 | J2 | µg/L | GE |
| 0 | Calcium | 188 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,970 | | µg/L | GE |
| 1 | Chloride | 151,000 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.68 | | µg/L | WA |
| 0 | Copper | 23 | | µg/L | GE |
| 0 | Copper | 24 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 2.7 | | µg/L | GE |
| 0 | Dichloromethane | 5.1 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 8.7 | | µg/L | GE |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 100 | | µg/L | GE |
| 0 | Magnesium | 94 | | µg/L | WA |
| 0 | Manganese | 2.3 | | µg/L | GE |
| 0 | Manganese | 2.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 2,010 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,930 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,930 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 127 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,530 | | µg/L | GE |
| 0 | Silica | 6,010 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 3,750 | | µg/L | GE |
| 0 | Sodium | 3,780 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |

WELL HSB 85C collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 28,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 21,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 969 | | µg/L | WA |
| 0 | Total organic halogens | 5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | 7.5 | | µg/L | WA |
| 0 | Gross alpha | 2.4E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Gross alpha | <1.6E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.2E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 5.2E-10 ± 2.9E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.2E-09 ± 5.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.4E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 3.8E-06 ± 3.0E-07 | | µCi/mL | TM |

## WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 93.76 ft (28.58 m) below TOC
Water elevation: 168.63 ft (51.40 m) msl
Sp. conductance: 134 µS/cm
Water evacuated before sampling: 277 gal

Time: 13:50
pH: 6.3
Alkalinity: 34 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | Specific conductance | 120 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 24 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 22,100 | | µg/L | GE |
| 0 | Chloride | 2,400 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 114 | | µg/L | GE |
| 0 | Fluoride | 112 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 739 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 120 | | µg/L | GE |
| 0 | Potassium | 617 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 28,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,680 | | µg/L | GE |
| 0 | Sulfate | 9,740 | | µg/L | GE |
| 0 | Total dissolved solids | 105,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 235 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.6E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 40.04 ft (12.20 m) below TOC
Water elevation: 221.85 ft (67.62 m) msl
Sp. conductance: 220 µS/cm
Water evacuated before sampling: 284 gal

Time: 15:00
pH: 6.9
Alkalinity: 87 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.2 | JQ | pH | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 40 | | µg/L | GE |
| 0 | Barium | 40 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 40,600 | | µg/L | GE |
| 0 | Calcium | 41,200 | | µg/L | GE |
| 0 | Chloride | 2,530 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 859 | | µg/L | GE |
| 0 | Magnesium | 867 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 80 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 37,000 | | µg/L | GE |
| 0 | Silica | 37,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,140 | | µg/L | GE |
| 0 | Sodium | 2,150 | | µg/L | GE |
| 0 | Sulfate | 2,780 | | µg/L | GE |
| 0 | Total dissolved solids | 140,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 38.85 ft (11.87 m) below TOC
Water elevation: 223.84 ft (68.26 m) msl
Sp. conductance: 404 µS/cm
Water evacuated before sampling: 91 gal

Time: 14:30
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.4 | JQ | pH | GE |
| 1 | Specific conductance | 400 | | µS/cm | GE |
| 2 | Aluminum | 794 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 74 | | µg/L | GE |
| 2 | Cadmium | 8.3 | | µg/L | GE |
| 0 | Calcium | 8,800 | J2 | µg/L | GE |
| 0 | Chloride | 2,020 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 43 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |

WELL HSB 86C collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Fluoride | 326 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 3,510 | | µg/L | GE |
| 2 | Manganese | 2,110 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 1 | Nickel | 60 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 45,000 | | µg/L | GE |
| 0 | Potassium | 1,970 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 17,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 45,800 | | µg/L | GE |
| 0 | Sulfate | 4,060 | | µg/L | GE |
| 0 | Total dissolved solids | 263,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 55 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 1 | Cobalt-60 | 9.7E-08 ± 1.1E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.1E-07 ± 1.8E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.7E-09 ± 3.1E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.6E-07 ± 1.4E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.7E-02 ± 9.3E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.7E-08 ± 3.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.6E-02 ± 1.9E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 39.11 ft (11.92 m) below TOC
Water elevation: 223.89 ft (68.24 m) msl
Sp. conductance: 332 µS/cm
Water evacuated before sampling: 45 gal

Time: 14:10
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.9 | JQ | pH | GE |
| 1 | Specific conductance | 332 | | µS/cm | GE |
| 2 | Aluminum | 3,090 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 52 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,150 | J2 | µg/L | GE |
| 0 | Chloride | 1,800 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 8.1 | | µg/L | GE |
| 0 | Copper | 6.3 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 377 | | µg/L | GE |
| 0 | Iron | 22 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 902 | | µg/L | GE |
| 2 | Manganese | 307 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 7.9 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 35,000 | | µg/L | GE |
| 0 | Potassium | 1,310 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 26,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 34,500 | | µg/L | GE |
| 0 | Sulfate | 3,520 | | µg/L | GE |
| 0 | Total dissolved solids | 202,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 45 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |

WELL HSB 86D collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 1 | Cobalt-60 | 6.8E-08 ± 7.7E-09 | | µCi/mL | GP |
| 1 | Cobalt-60 | 7.8E-08 ± 1.5E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.3E-08 ± 3.1E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 6.2E-03 ± 5.7E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 2.7E-08 ± 3.7E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.9E-03 ± 1.1E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 33.59 ft (10.24 m) below TOC
Water elevation: 226.61 ft (69.07 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 193 gal

Time: 15:55
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,130 | | µg/L | GE |
| 0 | Chloride | 2,580 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 121 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 407 | | µg/L | GE |
| 0 | Manganese | 2.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 160 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 13,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,750 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 481 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.4 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-08 ± 3.0E-07 | | µCi/mL | GE |

## WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 15:40
Depth to water: 26.26 ft (8.00 m) below TOC pH: 4.9
Water elevation: 233.84 ft (71.26 m) msl Alkalinity: 0 mg/L
Sp. conductance: 79 µS/cm Water temperature: 22.4°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Aluminum | 20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 22 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,370 | | µg/L | GE |
| 0 | Chloride | 5,050 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 28 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Lead | 4.7 | | µg/L | GE |
| 0 | Magnesium | 677 | | µg/L | GE |
| 1 | Manganese | 33 | | µg/L | GE |
| 0 | Mercury | 0.29 | | µg/L | GE |
| 0 | Nickel | 4.8 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,000 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,730 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,300 | | µg/L | GE |
| 0 | Sulfate | 1,230 | | µg/L | GE |
| 0 | Total dissolved solids | 46,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 79 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 3.4E-08 ± 3.3E-09 | | µCi/mL | GE |
| 0 | Total activity | 8.8E-04 ± 6.8E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 1.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.2E-04 ± 4.3E-08 | | µCi/mL | GE |

## WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 8:25
Depth to water: 33.04 ft (10.07 m) below TOC pH: 8.0
Water elevation: 225.46 ft (68.72 m) msl Alkalinity: 14 mg/L
Sp. conductance: 58 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 155 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 25 | | µg/L | GE |
| 0 | Barium | 25 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 7,120 | | µg/L | GE |
| 0 | Calcium | 7,090 | | µg/L | GE |
| 0 | Chloride | 2,600 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 109 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 3.6 | | µg/L | GE |
| 0 | Magnesium | 299 | | µg/L | GE |
| 0 | Magnesium | 298 | | µg/L | GE |
| 0 | Manganese | 2.3 | | µg/L | GE |
| 0 | Manganese | 2.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |

WELL HSB101C collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 680 | | µg/L | GE |
| 0 | Potassium | 3,170 | | µg/L | GE |
| 0 | Potassium | 3,220 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 12,900 | | µg/L | GE |
| 0 | Silica | 12,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,900 | | µg/L | GE |
| 0 | Sodium | 3,910 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 43,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 378 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 2.7 | | µg/L | GE |
| 0 | Zinc | 2.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.6E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 8:05
Depth to water: 28.02 ft (8.54 m) below TOC pH: 9.5
Water elevation: 230.68 ft (70.31 m) msl Alkalinity: 157 mg/L
Sp. conductance: 679 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.5 | JQ | pH | GE |
| 2 | Specific conductance | 600 | | µS/cm | GE |
| 2 | Aluminum | 433 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 126 | | µg/L | GE |
| 0 | Chloride | 1,950 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 472 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | GE |
| 1 | Lead | 8.8 | | µg/L | GE |
| 0 | Magnesium | 114 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 2 | Mercury | 2.5 | | µg/L | GE |
| 2 | Mercury | 2.6 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 38,500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 4,330 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 115,000 | | µg/L | GE |
| 0 | Sulfate | 5,010 | | µg/L | GE |
| 0 | Total dissolved solids | 435,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 2,960 | | µg/L | GE |
| 2 | Vanadium | 304 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 1 | Nonvolatile beta | 2.8E-08 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 9.6E-03 ± 7.1E-05 | | µCi/mL | EM |

# ANALYTICAL RESULTS

WELL HSB101D collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.8E-03 ± 1.4E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 34.49 ft (10.51 m) below TOC
Water elevation: 224.51 ft (68.43 m) msl
Sp. conductance: 194 µS/cm
Water evacuated before sampling: 152 gal
Time: 9:05
pH: 5.7
Alkalinity: 12 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 152 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 28 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 7,080 | J2 | µg/L | GE |
| 0 | Chloride | 5,030 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,890 | J2 | µg/L | GE |
| 2 | Manganese | 59 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.4 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 15,200 | | µg/L | GE |
| 0 | Potassium | 2,820 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 21,800 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 135,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 16 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.8E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.9E-04 ± 1.4E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.9E-04 ± 2.1E-08 | | µCi/mL | GE |

## WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 30.35 ft (9.25 m) below TOC
Water elevation: 228.25 ft (69.57 m) msl
Sp. conductance: 458 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 15:10
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.6 | JQ | pH | GE |
| 1 | Specific conductance | 392 | | µS/cm | GE |
| 2 | Aluminum | 14,700 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 56 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,190 | | µg/L | GE |
| 0 | Chloride | 1,680 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 5.0 | | µg/L | GE |
| 0 | Copper | 28 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 322 | | µg/L | GE |
| 0 | Iron | 77 | | µg/L | GE |
| 2 | Lead | 24 | | µg/L | GE |
| 0 | Magnesium | 1,430 | | µg/L | GE |
| 2 | Manganese | 1,080 | | µg/L | GE |
| 2 | Mercury | 3.5 | | µg/L | GE |
| 2 | Mercury | 3.4 | | µg/L | GE |
| 0 | Nickel | 26 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 46,000 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 45,500 | | µg/L | GE |

WELL HSB102D collected on 07/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | 1,570 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 14,700 | | µg/L | GE |
| 0 | Silica, total | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,400 | | µg/L | GE |
| 0 | Sulfate | 1,880 | | µg/L | GE |
| 0 | Total dissolved solids | 150,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 136 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 2.3E-07 ± 1.3E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 2.5E-07 ± 2.2E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 7.0E-08 ± 5.7E-08 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 6.8E-08 ± 5.6E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.2E-02 ± 8.1E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.1E-02 ± 1.8E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 23.83 ft (7.26 m) below TOC
Water elevation: 223.57 ft (68.14 m) msl
Sp. conductance: 231 µS/cm
Water evacuated before sampling: 169 gal
Time: 9:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 190 | | µS/cm | GE |
| 2 | Aluminum | 184 | | µg/L | GE |
| 2 | Aluminum | 183 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 66 | | µg/L | GE |
| 0 | Barium | 65 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 7,450 | J2 | µg/L | GE |
| 0 | Calcium | 7,390 | J2 | µg/L | GE |
| 0 | Chloride | 5,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 12 | | µg/L | GE |
| 0 | Cobalt | 12 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 5,280 | J2 | µg/L | GE |
| 0 | Magnesium | 5,220 | J2 | µg/L | GE |
| 2 | Manganese | 496 | | µg/L | GE |
| 2 | Manganese | 492 | | µg/L | GE |
| 1 | Mercury | 1.5 | | µg/L | GE |
| 0 | Nickel | 7.1 | | µg/L | GE |
| 0 | Nickel | 8.7 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 24,000 | | µg/L | GE |
| 0 | Potassium | 1,390 | | µg/L | GE |
| 0 | Potassium | 1,400 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |

WELL HSB103C collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 10,200 | | µg/L | GE |
| 0 | Silica | 10,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 21,900 | | µg/L | GE |
| 0 | Sodium | 21,600 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 166,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.5 | | µg/L | GE |
| 0 | Total phosphates (as P) | 78 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 20 | | µg/L | GE |
| 0 | Zinc | 20 | | µg/L | GE |
| 0 | Gross alpha | 3.5E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.1E-08 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Total activity | 7.6E-04 ± 6.4E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.3E-04 ± 4.0E-06 | | µCi/mL | GE |

## WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 22.00 ft (6.71 m) below TOC
Water elevation: 225.60 ft (68.76 m) msl
Sp. conductance: 209 µS/cm
Water evacuated before sampling: 31 gal
Time: 9:45
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.5 | JQ | pH | GE |
| 0 | pH | 4.5 | JQ | pH | GE |
| 0 | Specific conductance | 192 | | µS/cm | GE |
| 0 | Specific conductance | 190 | | µS/cm | GE |
| 2 | Aluminum | 784 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 2 | Arsenic | 75 | | µg/L | GE |
| 0 | Barium | 32 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,090 | | µg/L | GE |
| 0 | Chloride | 4,180 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 107 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,490 | | µg/L | GE |
| 2 | Manganese | 215 | | µg/L | GE |
| 1 | Mercury | 1.7 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 21,000 | | µg/L | GE |
| 0 | Potassium | 1,000 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,020 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 27,200 | | µg/L | GE |
| 0 | Sulfate | 1,870 | | µg/L | GE |
| 0 | Total dissolved solids | 142,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 8.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 1.5E-08 ± 4.5E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 4.7E-07 ± 8.3E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.5E-03 ± 4.3E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.2E-08 ± 2.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.4E-03 ± 8.6E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |

WELL HSB103D collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 27.07 ft (8.25 m) below TOC
Water elevation: 220.83 ft (67.31 m) msl
Sp. conductance: 176 µS/cm
Water evacuated before sampling: 150 gal
Time: 11:35
pH: 9.6
Alkalinity: 43 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.7 | JQ | pH | GE |
| 0 | Specific conductance | 145 | | µS/cm | GE |
| 2 | Aluminum | 398 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 59 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 18,900 | J2 | µg/L | GE |
| 0 | Chloride | 3,350 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 778 | J2 | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,400 | | µg/L | GE |
| 0 | Potassium | 7,800 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 12,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,600 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 110,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.4E-08 ± 2.9E-09 | | µCi/mL | GE |
| 0 | Total activity | 2.8E-04 ± 3.9E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.6E-04 ± 2.4E-06 | | µCi/mL | GE |

## WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 22.49 ft (6.86 m) below TOC
Water elevation: 225.31 ft (68.68 m) msl
Sp. conductance: 184 µS/cm
Water evacuated before sampling: 39 gal
Time: 10:30
pH: 3.9
Alkalinity: 0 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.2 | JQ | pH | GE |
| 0 | Specific conductance | 150 | | µS/cm | GE |
| 0 | Specific conductance | 150 | | µS/cm | GE |
| 2 | Aluminum | 5,130 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 50 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,470 | J2 | µg/L | GE |
| 0 | Chloride | 1,820 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 5.5 | | µg/L | GE |
| 0 | Copper | 7.4 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 254 | | µg/L | GE |
| 0 | Iron | 34 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 712 | J2 | µg/L | GE |
| 2 | Manganese | 355 | | µg/L | GE |
| 0 | Mercury | 0.34 | | µg/L | GE |
| 0 | Nickel | 7.4 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 17,600 | | µg/L | GE |
| 0 | Potassium | 540 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 10,900 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL HSB104D collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,000 | | µg/L | GE |
| 0 | Sulfate | 5,170 | | µg/L | GE |
| 0 | Total dissolved solids | 84,000 | | µg/L | GE |
| 0 | Total dissolved solids | 91,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 24 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | 3.5E-08 ± 6.1E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 3.5E-08 ± 4.3E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.7E-08 ± 2.2E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 6.9E-04 ± 2.2E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.1E-08 ± 1.9E-09 | | µCi/mL | GE |
| 2 | Tritium | 6.9E-04 ± 3.9E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

WELL HSB105C collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 2,970 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 3,160 | | µg/L | GE |
| 0 | Potassium | 1,380 | | µg/L | GE |
| 0 | Potassium | 1,360 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 13,000 | | µg/L | GE |
| 0 | Silica | 10,700 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,920 | | µg/L | GE |
| 0 | Sodium | 3,120 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | Total dissolved solids | 51,000 | | µg/L | GE |
| 0 | Total dissolved solids | 45,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 718 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 184 | | µg/L | GE |
| 0 | Total phosphates (as P) | 231 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Zinc | 22 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.9E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Gross alpha | <5.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.9E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 5.6E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 5.8E-10 ± 3.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <7.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.8E-05 ± 1.5E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.0E-04 ± 2.0E-05 | | µCi/mL | TM |
| 2 | Tritium | 8.5E-05 ± 1.7E-05 | | µCi/mL | TM |

## WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 29.81 ft (9.09 m) below TOC
Water elevation: 219.69 ft (66.96 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 177 gal

Time: 12:00
pH: 5.8
Alkalinity: 14 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | pH | 6.3 | JQ | pH | WA |
| 0 | pH | 6.3 | JQ | pH | WA |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 0 | Specific conductance | 71 | JQ | µS/cm | WA |
| 0 | Specific conductance | 71 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 1 | Antimony | 2.8 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.1 | | µg/L | GE |
| 0 | Barium | 8.9 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 9,060 | | µg/L | GE |
| 0 | Calcium | 9,680 | | µg/L | WA |
| 0 | Chloride | 3,370 | | µg/L | GE |
| 0 | Chloride | 3,380 | | µg/L | GE |
| 0 | Chloride | 3,400 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 30 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 5.0 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 2.1 | J3 | µg/L | WA |
| 0 | Magnesium | 831 | | µg/L | GE |
| 0 | Magnesium | 860 | | µg/L | WA |
| 0 | Manganese | 3.0 | | µg/L | GE |
| 0 | Manganese | 3.2 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |

## WELL HSB105C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 29.81 ft (9.09 m) below TOC
Water elevation: 219.69 ft (66.96 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 177 gal

Time: 12:00
pH: 5.8
Alkalinity: 14 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Specific conductance | 73 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | 18 | J3 | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.3 | | µg/L | GE |
| 0 | Barium | 7.3 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 9,020 | | µg/L | GE |
| 0 | Calcium | 9,980 | | µg/L | WA |
| 0 | Chloride | 3,330 | | µg/L | GE |
| 0 | Chloride | 3,270 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.6 | J3 | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 3.0 | J3 | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 3.5 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 832 | | µg/L | GE |
| 0 | Magnesium | 894 | | µg/L | WA |
| 0 | Manganese | 3.0 | | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 2,990 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 3,500 | | µg/L | GE |

WELL HSB105C collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | 1,380 | | µg/L | GE |
| 0 | Potassium | 1,570 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 13,000 | | µg/L | GE |
| 0 | Silica | 11,200 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 3.3 | | µg/L | WA |
| 0 | Sodium | 2,910 | | µg/L | GE |
| 0 | Sodium | 3,150 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | Total dissolved solids | 55,000 | | µg/L | GE |
| 0 | Total dissolved solids | 69,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 195 | | µg/L | GE |
| 0 | Total phosphates (as P) | 202 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.68 | | µg/L | WA |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Zinc | 25 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <5.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.3E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 8.2E-10 ± 4.9E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 4.0E-10 ± 2.4E-10 | | µCi/mL | TM |
| 0 | Radium-226 | <9.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.3E-09 ± 9.5E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.7E-05 ± 1.5E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.0E-04 ± 2.1E-05 | | µCi/mL | TM |

## WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 24.17 ft (7.37 m) below TOC
Water elevation: 225.33 ft (68.66 m) msl
Sp. conductance: 340 µS/cm
Water evacuated before sampling: 36 gal
Time: 6:15
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.1 | JQ | pH | GE |
| 1 | Specific conductance | 280 | | µS/cm | GE |
| 2 | Aluminum | 5,900 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 63 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,680 | J2 | µg/L | GE |
| 0 | Chloride | 1,660 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 9.1 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 650 | | µg/L | GE |
| 0 | Iron | 74 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,370 | | µg/L | GE |
| 2 | Manganese | 472 | | µg/L | GE |
| 2 | Mercury | 5.4 | | µg/L | GE |
| 0 | Nickel | 13 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 36,500 | | µg/L | GE |
| 0 | Potassium | 1,090 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,310 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 28,000 | | µg/L | GE |
| 0 | Sulfate | 3,810 | | µg/L | GE |
| 0 | Total dissolved solids | 163,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 45 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | 3.9E-08 ± 5.9E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 5.3E-08 ± 9.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |

WELL HSB105D collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Nonvolatile beta | 3.2E-08 ± 3.2E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 6.2E-03 ± 5.8E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 2.6E-08 ± 3.3E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.5E-03 ± 1.1E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 31.23 ft (9.52 m) below TOC
Water elevation: 221.67 ft (67.57 m) msl
Sp. conductance: 97 µS/cm
Water evacuated before sampling: 165 gal
Time: 7:15
pH: 5.7
Alkalinity: 5 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 90 | | µS/cm | GE |
| 0 | Specific conductance | 90 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,710 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,600 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.8 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,080 | | µg/L | GE |
| 0 | Manganese | 7.6 | | µg/L | GE |
| 0 | Mercury | 0.84 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 7,350 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 731 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,290 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 4.8 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 107,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |

WELL HSB106C collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc | 8.6 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.6E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.9E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 3.4E-04 ± 4.3E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.1E-04 ± 2.6E-06 | | µCi/mL | GE |

## WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 27.17 ft (8.28 m) below TOC
Water elevation: 225.73 ft (68.80 m) msl
Sp. conductance: 120 µS/cm
Water evacuated before sampling: 49 gal

Time: 8:50
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.3 | JQ | pH | GE |
| 0 | Specific conductance | 122 | | µS/cm | GE |
| 2 | Aluminum | 486 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 29 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,310 | | µg/L | GE |
| 0 | Chloride | 2,120 | | µg/L | GE |
| 0 | Chloride | 2,080 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 7.0 | | µg/L | GE |
| 0 | Copper | 4.1 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 53 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 877 | | µg/L | GE |
| 2 | Manganese | 195 | | µg/L | GE |
| 0 | Mercury | 0.84 | | µg/L | GE |
| 0 | Nickel | 9.9 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 11,500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 14,600 | | µg/L | GE |
| 0 | Sulfate | 2,690 | | µg/L | GE |
| 0 | Sulfate | 3,100 | | µg/L | GE |
| 0 | Total dissolved solids | 91,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 20 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 4.9E-07 ± 1.2E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.2E-03 ± 2.7E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 7.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.9E-09 ± 1.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.1E-03 ± 4.9E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 42.37 ft (12.91 m) below TOC
Water elevation: 219.23 ft (66.82 m) msl
Sp. conductance: 158 µS/cm
Water evacuated before sampling: 157 gal

Time: 8:40
pH: 6.5
Alkalinity: 42 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | Specific conductance | 150 | | µS/cm | GE |
| 0 | Aluminum | 20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 43 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 15,200 | | µg/L | GE |
| 0 | Chloride | 3,200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 148 | | µg/L | GE |
| 1 | Iron | 219 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 880 | | µg/L | GE |
| 2 | Manganese | 378 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 8.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,050 | | µg/L | GE |
| 0 | Potassium | 2,590 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,100 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 100,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 210 | | µg/L | GE |
| 0 | Total phosphates (as P) | 220 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 8.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.1E-06 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Total activity | 3.9E-04 ± 4.6E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 3.7E-04 ± 2.6E-06 | | µCi/mL | GE |

## WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 37.87 ft (11.48 m) below TOC
Water elevation: 224.63 ft (68.47 m) msl
Sp. conductance: 290 µS/cm
Water evacuated before sampling: 25 gal

Time: 7:45
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 198 | | µS/cm | GE |
| 2 | Aluminum | 406 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 56 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,660 | J2 | µg/L | GE |
| 0 | Chloride | 3,280 | | µg/L | GE |
| 0 | Chloride | 3,370 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | 126 | | µg/L | GE |
| 0 | Fluoride | 138 | | µg/L | GE |
| 0 | Iron | 10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,930 | | µg/L | GE |
| 2 | Manganese | 183 | | µg/L | GE |
| 2 | Mercury | 2.1 | | µg/L | GE |
| 0 | Nickel | 6.1 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 26,000 | | µg/L | GE |
| 0 | Potassium | 1,280 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,920 | | µg/L | GE |
| 2 | Silica, total | 9,130 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 30,700 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 173,000 | V | µg/L | GE |

WELL HSB107D collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.6 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 13 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | 3.2E-08 ± 6.6E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 3.1E-08 ± 7.8E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 3.2E-08 ± 3.2E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.7E-03 ± 4.5E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.8E-08 ± 2.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.3E-03 ± 8.5E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 47.96 ft (14.62 m) below TOC
Water elevation: 218.24 ft (66.52 m) msl
Sp. conductance: 166 µS/cm
Water evacuated before sampling: 85 gal
Time: 9:45
pH: 6.7
Alkalinity: 56 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.2 | JQ | pH | GE |
| 0 | Specific conductance | 160 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.9 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 25,700 | | µg/L | GE |
| 0 | Chloride | 2,710 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 268 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,270 | | µg/L | GE |
| 0 | Manganese | 2.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.3 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 32,000 | | µg/L | GE |
| 0 | Potassium | 514 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 115,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 310 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 7.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.4E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total activity | 3.5E-04 ± 4.4E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.3E-04 ± 2.7E-06 | | µCi/mL | GE |
| 2 | Tritium | 3.3E-04 ± 2.7E-06 | | µCi/mL | GE |

## WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 42.84 ft (13.06 m) below TOC
Water elevation: 223.46 ft (68.11 m) msl
Sp. conductance: 257 µS/cm
Water evacuated before sampling: 30 gal
Time: 9:30
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.4 | JQ | pH | GE |
| 0 | Specific conductance | 215 | | µS/cm | GE |
| 2 | Aluminum | 2,210 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 67 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,310 | J2 | µg/L | GE |
| 0 | Chloride | 1,590 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 9.4 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 186 | | µg/L | GE |
| 0 | Iron | 39 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,480 | | µg/L | GE |
| 2 | Manganese | 665 | | µg/L | GE |
| 2 | Mercury | 5.0 | | µg/L | GE |
| 0 | Nickel | 19 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 26,500 | | µg/L | GE |
| 0 | Potassium | 1,880 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,970 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 22,600 | | µg/L | GE |
| 0 | Sulfate | 5,780 | | µg/L | GE |
| 0 | Total dissolved solids | 98,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 44 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.5E-07 ± 1.1E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.4E-07 ± 2.1E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 4.9E-08 ± 1.2E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 5.8E-08 ± 4.4E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.7E-03 ± 3.9E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 3.6E-08 ± 3.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.6E-03 ± 7.5E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 42.93 ft (13.09 m) below TOC
Water elevation: 218.67 ft (66.65 m) msl
Sp. conductance: 56 µS/cm
Water evacuated before sampling: 132 gal
Time: 11:10
pH: 5.9
Alkalinity: 12 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.9 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |

WELL HSB109C collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 5,340 | | µg/L | GE |
| 0 | Chloride | 2,630 | | µg/L | GE |
| 0 | Chloride | 2,720 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 101 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 332 | | µg/L | GE |
| 0 | Manganese | 2.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,400 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 11,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,250 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 43,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 522 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 8.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 6.9E-05 ± 1.3E-08 | | µCi/mL | GE |

## WELL HSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 — Time: 10:55
Depth to water: 36.66 ft (11.78 m) below TOC — pH: 4.0
Water elevation: 222.54 ft (67.83 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 86 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 25 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.3 | JQ | pH | GE |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 2 | Aluminum | 882 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 57 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,200 | | µg/L | GE |
| 0 | Chloride | 2,170 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 4.1 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 118 | | µg/L | GE |
| 0 | Iron | 7.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 849 | | µg/L | GE |
| 2 | Manganese | 191 | | µg/L | GE |
| 1 | Mercury | 1.2 | | µg/L | GE |
| 0 | Nickel | 11 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,500 | | µg/L | GE |
| 0 | Potassium | 539 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,220 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,590 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 54,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 33 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | 2.5E-08 ± 3.8E-09 | | µCi/mL | GP |
| 0 | Cobalt-60 | 2.6E-08 ± 1.4E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.4E-08 ± 2.0E-08 | | µCi/mL | GE |

WELL HSB109D collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.5E-04 ± 4.4E-06 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 7.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.2E-04 ± 2.7E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 — Time: 12:40
Depth to water: 36.67 ft (11.18 m) below TOC — pH: 5.1
Water elevation: 219.03 ft (66.76 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 125 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.9 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,390 | | µg/L | GE |
| 0 | Chloride | 2,540 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 38 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 339 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 780 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 11,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,110 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 30,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.0E-05 ± 9.0E-07 | | µCi/mL | GE |

## WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 — Time: 11:40
Depth to water: 33.66 ft (10.26 m) below TOC — pH: 5.2
Water elevation: 221.94 ft (67.65 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 90 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 55 | | µS/cm | GE |
| 2 | Aluminum | 214 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.3 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 614 | | µg/L | GE |
| 0 | Chloride | 2,700 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | GE |

WELL HSB110D collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 198 | | µg/L | GE |
| 1 | Manganese | 48 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,660 | | µg/L | GE |
| 0 | Potassium | 2,820 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 10,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,900 | | µg/L | GE |
| 0 | Sulfate | 4,380 | | µg/L | GE |
| 0 | Total dissolved solids | 46,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.3 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 6.0E-08 ± 4.3E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.3E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 35.77 ft (10.90 m) below TOC
Water elevation: 220.23 ft (67.13 m) msl
Sp. conductance: 230 µS/cm
Water evacuated before sampling: 209 gal
Time: 13:40
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 190 | | µS/cm | GE |
| 0 | Specific conductance | 190 | | µS/cm | GE |
| 2 | Aluminum | 149 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 23 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 14,300 | J2 | µg/L | GE |
| 0 | Chloride | 3,520 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 130 | | µg/L | GE |

WELL HSB111C collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 3,010 | | µg/L | GE |
| 1 | Manganese | 32 | | µg/L | GE |
| 0 | Mercury | 0.25 | | µg/L | GE |
| 0 | Nickel | 8.9 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 24,000 | | µg/L | GE |
| 0 | Potassium | 1,220 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17,200 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 139,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 35 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 6.0E-08 ± 4.6E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.4E-03 ± 4.3E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 6.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 3.2E-03 ± 8.4E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 34.29 ft (10.45 m) below TOC
Water elevation: 221.71 ft (67.58 m) msl
Sp. conductance: 490 µS/cm
Water evacuated before sampling: 84 gal
Time: 14:05
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 1 | Specific conductance | 412 | | µS/cm | GE |
| 2 | Aluminum | 195 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 40 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,350 | J2 | µg/L | GE |
| 0 | Chloride | 3,260 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | 122 | | µg/L | GE |
| 0 | Iron | 4.4 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,370 | | µg/L | GE |
| 1 | Manganese | 48 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.9 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 58,000 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,670 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 78,100 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 384,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 13 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |

WELL HSB111D collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 8.0E-09 ± 3.3E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 5.0E-09 ± 3.5E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 5.4E-08 ± 4.9E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 6.6E-08 ± 5.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.2E-02 ± 1.8E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 5.5E-09 ± 1.3E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 6.5E-09 ± 1.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-02 ± 1.6E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 34.05 ft (10.38 m) below TOC
Water elevation: 221.65 ft (67.62 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 27 gal

Time: 14:25
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.4 | JQ | pH | GE |
| 0 | Specific conductance | 66 | | µS/cm | GE |
| 2 | Aluminum | 1,390 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 862 | J2 | µg/L | GE |
| 0 | Chloride | 2,450 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | 120 | | µg/L | GE |
| 0 | Iron | 4.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 413 | | µg/L | GE |
| 2 | Manganese | 92 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.9 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,700 | | µg/L | GE |
| 0 | Potassium | 550 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,040 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 8,640 | | µg/L | GE |
| 0 | Sulfate | 3,270 | | µg/L | GE |
| 0 | Total dissolved solids | 60,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 55,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 17 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 1.2E-08 ± 1.9E-08 | | µCi/mL | GE |
| 0 | Total activity | 2.7E-03 ± 1.2E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-08 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.4E-03 ± 7.3E-08 | | µCi/mL | GE |

## WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 33.42 ft (10.19 m) below TOC
Water elevation: 221.48 ft (67.51 m) msl
Sp. conductance: 193 µS/cm
Water evacuated before sampling: 212 gal

Time: 7:45
pH: 8.2
Alkalinity: 15 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 8.4 | JQ | pH | GE |
| 0 | Specific conductance | 142 | | µS/cm | GE |
| 1 | Aluminum | 41 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 26 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 12,700 | J2 | µg/L | GE |
| 0 | Chloride | 3,100 | | µg/L | GE |
| 0 | Chloride | 3,160 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | 202 | | µg/L | GE |
| 0 | Fluoride | 203 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,700 | | µg/L | GE |
| 0 | Manganese | 24 | | µg/L | GE |
| 0 | Mercury | 0.36 | | µg/L | GE |
| 0 | Nickel | 5.2 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 14,000 | | µg/L | GE |
| 0 | Potassium | 673 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,300 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 137,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 630 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 20 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 1 | Nonvolatile beta | 2.7E-08 ± 3.3E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.4E-03 ± 3.7E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.0E-03 ± 6.6E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 32.67 ft (9.96 m) below TOC
Water elevation: 222.43 ft (67.80 m) msl
Sp. conductance: 435 µS/cm
Water evacuated before sampling: 90 gal

Time: 7:00
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 1 | Specific conductance | 362 | | µS/cm | GE |
| 2 | Aluminum | 125 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,530 | J2 | µg/L | GE |

WELL HSB112D collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloride | 2,480 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 5.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,070 | | µg/L | GE |
| 2 | Manganese | 188 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 9.2 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 48,000 | | µg/L | GE |
| 0 | Potassium | 744 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,040 | | µg/L | GE |
| 2 | Silica, total | 8,570 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 73,500 | | µg/L | GE |
| 0 | Sulfate | 8,480 | | µg/L | GE |
| 0 | Total dissolved solids | 311,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 8.1 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.3E-09 ± 4.5E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 6.2E-08 ± 7.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.6E-02 ± 2.1E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 6.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.5E-02 ± 1.8E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 32.61 ft (9.94 m) below TOC
Water elevation: 222.49 ft (67.82 m) msl
Sp. conductance: 344 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.

Time: 7:20
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 1 | Specific conductance | 310 | | µS/cm | GE |
| 2 | Aluminum | 142 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 69 | | µg/L | GE |
| 1 | Cadmium | 3.2 | | µg/L | GE |
| 0 | Calcium | 3,700 | | µg/L | GE |
| 0 | Chloride | 2,660 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 1 | Cobalt | 24 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | 147 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 2 | Lead | 23 | | µg/L | GE |
| 0 | Magnesium | 1,930 | | µg/L | GE |
| 2 | Manganese | 717 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 26 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 42,000 | | µg/L | GE |
| 0 | Potassium | 1,320 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 56,600 | | µg/L | GE |
| 0 | Sulfate | 3,090 | | µg/L | GE |
| 0 | Total dissolved solids | 114,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |

WELL HSB112E collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Total organic halogens | 34 | | µg/L | GE |
| 0 | Total phosphates (as P) | 270 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 47 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | 1.8E-08 ± 8.3E-09 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 1 | Gross alpha | 1.3E-08 ± 4.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 3.1E-07 ± 1.0E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.0E-02 ± 7.5E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 2.2E-08 ± 2.7E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.7E-03 ± 1.5E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 39.13 ft (11.93 m) below TOC
Water elevation: 221.87 ft (67.63 m) msl
Sp. conductance: 150 µS/cm
Water evacuated before sampling: 184 gal

Time: 11:35
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 140 | | µS/cm | GE |
| 2 | Aluminum | 110 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 34 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 9,310 | | µg/L | GE |
| 0 | Chloride | 3,100 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 117 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,720 | | µg/L | GE |
| 2 | Manganese | 52 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 6.9 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 14,800 | | µg/L | GE |
| 0 | Potassium | 1,100 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,920 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,500 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 123,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 39 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 5.0E-08 ± 4.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.7E-03 ± 3.2E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 8.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-03 ± 5.9E-08 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 38.34 ft (11.69 m) below TOC
Water elevation: 222.55 ft (67.83 m) msl
Sp. conductance: 418 µS/cm
Water evacuated before sampling: 17 gal

Time: 10:55
pH: 3.5
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.8 | JQ | pH | GE |
| 1 | Specific conductance | 350 | | µS/cm | GE |
| 2 | Aluminum | 7,850 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 85 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,770 | | µg/L | GE |
| 0 | Chloride | 2,260 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 11 | | µg/L | GE |
| 0 | Copper | 7.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | 484 | | µg/L | GE |
| 2 | Iron | 373 | | µg/L | GE |
| 0 | Lead | 6.6 | | µg/L | GE |
| 0 | Magnesium | 1,550 | | µg/L | GE |
| 2 | Manganese | 479 | | µg/L | GE |
| 0 | Mercury | 0.86 | | µg/L | GE |
| 0 | Nickel | 14 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 42,500 | | µg/L | GE |
| 0 | Potassium | 1,880 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 25,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 28,100 | | µg/L | GE |
| 0 | Sulfate | 1,500 | | µg/L | GE |
| 0 | Total dissolved solids | 200,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 211,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 74 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.7E-07 ± 1.1E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.6E-07 ± 1.2E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.7E-07 ± 1.9E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 6.4E-08 ± 7.5E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.3E-08 ± 2.7E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.0E-02 ± 1.7E-04 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 3.3E-08 ± 2.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.6E-03 ± 1.5E-05 | | µCi/mL | GE |
| 0 | Yttrium-85 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 40.64 ft (12.39 m) below TOC
Water elevation: 223.16 ft (68.02 m) msl
Sp. conductance: 496 µS/cm
Water evacuated before sampling: 99 gal

Time: 10:20
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.6 | JQ | pH | GE |
| 1 | Specific conductance | 428 | | µS/cm | GE |
| 2 | Aluminum | 513 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 80 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13,400 | | µg/L | GE |
| 0 | Chloride | 4,230 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 6.4 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | 205 | | µg/L | GE |
| 0 | Iron | 10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 6,700 | | µg/L | GE |
| 2 | Manganese | 174 | | µg/L | GE |
| 0 | Mercury | 0.39 | | µg/L | GE |
| 0 | Nickel | 9.9 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 56,500 | | µg/L | GE |
| 0 | Potassium | 731 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 65,800 | | µg/L | GE |
| 0 | Sulfate | 3,470 | | µg/L | GE |
| 0 | Total dissolved solids | 358,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 46 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.0E-09 ± 4.1E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.4E-07 ± 7.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.4E-02 ± 2.0E-04 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.0E-08 ± 1.7E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.3E-02 ± 1.7E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 40.77 ft (12.43 m) below TOC
Water elevation: 223.23 ft (68.04 m) msl
Sp. conductance: 285 µS/cm
Water evacuated before sampling: 27 gal

Time: 10:05
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 3.9 | JQ | pH | GE |
| 0 | Specific conductance | 220 | | µS/cm | GE |
| 2 | Aluminum | 5,530 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 54 | | µg/L | GE |

WELL HSB114D collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,760 | | µg/L | GE |
| 0 | Chloride | 1,440 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 12 | | µg/L | GE |
| 0 | Copper | 8.4 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ8 | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ8 | µg/L | GE |
| 0 | Fluoride | 632 | | µg/L | GE |
| 0 | Iron | 38 | | µg/L | GE |
| 0 | Lead | 4.4 | | µg/L | GE |
| 0 | Magnesium | 917 | | µg/L | GE |
| 2 | Manganese | 519 | | µg/L | GE |
| 2 | Mercury | 2.8 | | µg/L | GE |
| 0 | Nickel | 15 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 24,500 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 25,000 | | µg/L | GE |
| 0 | Potassium | 1,760 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 28,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,400 | | µg/L | GE |
| 0 | Sulfate | 3,900 | | µg/L | GE |
| 0 | Total dissolved solids | 165,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 86 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.4E-07 ± 9.9E-09 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.6E-07 ± 1.8E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 4.1E-08 ± 9.4E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.7E-08 ± 2.9E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 3.2E-03 ± 4.2E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 2.8E-08 ± 3.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.9E-03 ± 8.1E-06 | | µCi/mL | GE |
| 2 | Tritium | 3.0E-03 ± 8.2E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 45.13 ft (13.76 m) below TOC
Water elevation: 224.17 ft (68.33 m) msl
Sp. conductance: 486 µS/cm
Water evacuated before sampling: 109 gal
Time: 8:35
pH: 6.8
Alkalinity: 18 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 1 | Specific conductance | 398 | | µS/cm | GE |
| 2 | Aluminum | 100 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 60 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 16,800 | | µg/L | GE |
| 0 | Chloride | 2,470 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ8 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 3,060 | | µg/L | GE |
| 2 | Manganese | 191 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.3 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 51,500 | | µg/L | GE |
| 0 | Potassium | 883 | | µg/L | GE |

WELL HSB115C collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,920 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 66,500 | | µg/L | GE |
| 0 | Sulfate | 4,420 | | µg/L | GE |
| 0 | Total dissolved solids | 365,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.3E-07 ± 6.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.5E-02 ± 2.1E-04 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.4E-02 ± 1.8E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 44.80 ft (13.66 m) below TOC
Water elevation: 224.30 ft (68.37 m) msl
Sp. conductance: 331 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.
Time: 8:20
pH: 3.9
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.0 | JQ | pH | GE |
| 1 | Specific conductance | 288 | | µS/cm | GE |
| 2 | Aluminum | 4,090 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 212 | | µg/L | GE |
| 1 | Cadmium | 3.5 | | µg/L | GE |
| 0 | Calcium | 11,200 | | µg/L | GE |
| 0 | Chloride | 1,630 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 51 | | µg/L | GE |
| 0 | Copper | 19 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ8 | µg/L | GE |
| 0 | Fluoride | 640 | | µg/L | GE |
| 0 | Iron | 113 | | µg/L | GE |
| 2 | Lead | 60 | | µg/L | GE |
| 0 | Magnesium | 2,850 | | µg/L | GE |
| 2 | Manganese | 1,710 | | µg/L | GE |
| 2 | Mercury | 3.6 | | µg/L | GE |
| 1 | Nickel | 58 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 36,000 | | µg/L | GE |
| 0 | Potassium | 1,710 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 30,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 20,700 | | µg/L | GE |
| 0 | Sulfate | 2,070 | | µg/L | GE |
| 0 | Total dissolved solids | 220,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 180 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 183 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.5E-07 ± 1.0E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.8E-07 ± 1.8E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |

WELL HSB115D collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-08 | | µCi/mL | GE |
| 2 | Gross alpha | 2.5E-08 ± 1.0E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.6E-08 ± 2.9E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 7.6E-03 ± 6.5E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 2.8E-08 ± 3.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.0E-03 ± 1.3E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 32.11 ft (9.79 m) below TOC
Water elevation: 225.39 ft (68.70 m) msl
Sp. conductance: 530 µS/cm
Water evacuated before sampling: 118 gal

Time: 12:10
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 1 | Specific conductance | 450 | | µS/cm | GE |
| 2 | Aluminum | 178 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 84 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,480 | J2 | µg/L | GE |
| 0 | Chloride | 4,010 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Cobalt | 72 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,520 | | µg/L | GE |
| 2 | Manganese | 996 | | µg/L | GE |
| 0 | Mercury | 0.25 | | µg/L | GE |
| 0 | Nickel | 14 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 69,000 | | µg/L | GE |
| 0 | Potassium | 813 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,300 | | µg/L | GE |
| 2 | Silica, total | 8,620 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 84,100 | | µg/L | GE |
| 0 | Sulfate | 2,830 | | µg/L | GE |
| 0 | Total dissolved solids | 381,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 14 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 5.4E-09 ± 5.1E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 7.8E-08 ± 8.1E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.6E-02 ± 2.1E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 8.8E-09 ± 1.7E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.5E-02 ± 1.8E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: 31.15 ft (9.49 m) below TOC
Water elevation: 225.85 ft (68.78 m) msl
Sp. conductance: 399 µS/cm
Water evacuated before sampling: 29 gal

Time: 12:35
pH: 3.8
Alkalinity: 0 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.1 | JQ | pH | GE |
| 0 | pH | 4.1 | JQ | pH | GE |
| 1 | Specific conductance | 338 | | µS/cm | GE |
| 1 | Specific conductance | 338 | | µS/cm | GE |
| 2 | Aluminum | 2,450 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 231 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 7,420 | | µg/L | GE |
| 0 | Chloride | 1,400 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 9.6 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | 376 | | µg/L | GE |
| 0 | Iron | 78 | | µg/L | GE |
| 1 | Lead | 11 | | µg/L | GE |
| 0 | Magnesium | 2,740 | | µg/L | GE |
| 2 | Manganese | 850 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 16 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 44,000 | | µg/L | GE |
| 0 | Potassium | 3,170 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 35,900 | | µg/L | GE |
| 0 | Sulfate | 2,650 | | µg/L | GE |
| 0 | Total dissolved solids | 224,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 234,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 69 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 2.9E-07 ± 1.4E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 5.2E-08 ± 3.0E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.1E-05 ± 5.9E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 6.5E-03 ± 1.4E-04 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.8E-08 ± 4.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.3E-03 ± 1.2E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 69.78 ft (21.27 m) below TOC
Water elevation: 166.51 ft (50.75 m) msl
Sp. conductance: 150 µS/cm
Water evacuated before sampling: 216 gal

Time: 14:45
pH: 6.5
Alkalinity: 55 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | Specific conductance | 132 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |

WELL HSB117A collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 29 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 24,500 | V | µg/L | GE |
| 0 | Chloride | 2,340 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 765 | | µg/L | GE |
| 2 | Manganese | 81 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | 1,380 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 28,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,820 | | µg/L | GE |
| 0 | Sulfate | 6,260 | | µg/L | GE |
| 0 | Total dissolved solids | 103,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 98,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 170 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 14.37 ft (4.38 m) below TOC
Water elevation: 221.93 ft (67.65 m) msl
Sp. conductance: 409 µS/cm
Water evacuated before sampling: 152 gal
Time: 14:15
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 1 | Specific conductance | 358 | | µS/cm | GE |
| 2 | Aluminum | 380 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 64 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 7,350 | | µg/L | GE |
| 0 | Chloride | 4,190 | | µg/L | GE |
| 0 | Chloride | 4,220 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 4.1 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 4,460 | | µg/L | GE |
| 2 | Manganese | 96 | | µg/L | GE |
| 0 | Mercury | 0.21 | | µg/L | GE |
| 0 | Nickel | 4.9 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,200 | | µg/L | GE |
| 0 | Potassium | 587 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,580 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 61,500 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 291,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | JQ | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 6.7 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 2.3E-08 ± 5.2E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |

WELL HSB117C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Nonvolatile beta | 9.8E-08 ± 6.3E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 8.4E-03 ± 2.1E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 6.2E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 7.9E-03 ± 1.3E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 11.77 ft (3.59 m) below TOC
Water elevation: 224.53 ft (68.44 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 67 gal
Time: 14:30
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 286 | | µg/L | GE |
| 0 | Chloride | 2,360 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 288 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 900 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,030 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,810 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 20,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ6 | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.4E-04 ± 1.4E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 1.7E-06 | | µCi/mL | GE |

## WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 79.47 ft (24.22 m) below TOC
Water elevation: 167.83 ft (51.18 m) msl
Sp. conductance: 250 µS/cm
Water evacuated before sampling: 202 gal
Time: 8:00
pH: 6.5
Alkalinity: 37 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | Specific conductance | 212 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 61 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 41,400 | | µg/L | GE |
| 0 | Chloride | 2,430 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 136 | | µg/L | GE |
| 0 | Iron | 36 | | µg/L | GE |

WELL HSB118A collected on 07/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,150 | | µg/L | GE |
| 2 | Manganese | 57 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 13,500 | | µg/L | GE |
| 0 | Potassium | 2,550 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 33,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,980 | | µg/L | GE |
| 0 | Sulfate | 7,320 | | µg/L | GE |
| 0 | Total dissolved solids | 217,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 220 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.9E-08 ± 3.3E-09 | | µCi/mL | GE |
| 0 | Total activity | 3.0E-03 ± 1.3E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 4.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.8E-03 ± 7.8E-06 | | µCi/mL | GE |

## WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: 90.94 ft (27.72 m) below TOC
Water elevation: 166.16 ft (50.65 m) msl
Sp. conductance: 187 µS/cm
Water evacuated before sampling: 39 gal
The well went dry during purging.

Time: 15:30
pH: 6.6
Alkalinity: 62 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.4 | JQ | pH | GE |
| 0 | Specific conductance | 178 | | µS/cm | GE |
| 0 | Aluminum | 22 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | 4.1 | | µg/L | GE |
| 0 | Barium | 21 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 28,200 | | µg/L | GE |
| 0 | Chloride | 2,600 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 208 | | µg/L | GE |
| 0 | Iron | 5.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,640 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,000 | | µg/L | GE |
| 0 | Potassium | 2,430 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 37,700 | | µg/L | GE |
| 2 | Silica, total | 37,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,200 | | µg/L | GE |
| 0 | Sulfate | 3,520 | | µg/L | GE |
| 0 | Total dissolved solids | 127,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 650 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 14 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.6E-08 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Total activity | 2.9E-04 ± 4.1E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.7E-04 ± 2.4E-06 | | µCi/mL | GE |
| 2 | Tritium | 2.7E-04 ± 2.4E-06 | | µCi/mL | GE |

## WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 101.90 ft (31.06 m) below TOC
Water elevation: 166.30 ft (50.69 m) msl
Sp. conductance: 212 µS/cm
Water evacuated before sampling: 198 gal

Time: 8:10
pH: 7.1
Alkalinity: 77 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.5 | JQ | pH | GE |
| 0 | Specific conductance | 202 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 33 | | µg/L | GE |
| 0 | Barium | 33 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 36,700 | J2 | µg/L | GE |
| 0 | Calcium | 39,900 | J2 | µg/L | GE |
| 0 | Chloride | 2,410 | | µg/L | GE |
| 0 | Chloride | 2,380 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.1 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 978 | | µg/L | GE |
| 0 | Magnesium | 976 | | µg/L | GE |
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Manganese | 23 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | 1,740 | | µg/L | GE |
| 0 | Potassium | 1,700 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 33,300 | | µg/L | GE |
| 0 | Silica | 34,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,640 | | µg/L | GE |
| 0 | Sodium | 2,600 | | µg/L | GE |
| 0 | Sulfate | 6,040 | | µg/L | GE |
| 0 | Sulfate | 5,930 | | µg/L | GE |
| 0 | Total dissolved solids | 155,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 102.90 ft (31.36 m) below TOC
Water elevation: 171.70 ft (52.33 m) msl
Sp. conductance: 227 µS/cm
Water evacuated before sampling: 219 gal

Time: 8:50
pH: 7.0
Alkalinity: 95 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.5 | JQ | pH | GE |
| 0 | Specific conductance | 218 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 47 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 39,300 | J2 | µg/L | GE |
| 0 | Chloride | 2,520 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |

WELL HSB121A collected on 07/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 23 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 818 | | µg/L | GE |
| 0 | Manganese | 8.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | 2,500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 44,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,940 | | µg/L | GE |
| 0 | Sulfate | 9,400 | | µg/L | GE |
| 0 | Total dissolved solids | 168,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.8E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.5E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 100.19 ft (30.54 m) below TOC
Water elevation: 171.41 ft (52.25 m) msl
Sp. conductance: 226 µS/cm
Water evacuated before sampling: 226 gal
Time: 9:30
pH: 6.9
Alkalinity: 84 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.4 | JQ | pH | GE |
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | pH | 7.0 | JQ | pH | WA |
| 0 | Specific conductance | 220 | | µS/cm | GE |
| 0 | Specific conductance | 220 | | µS/cm | GE |
| 0 | Specific conductance | 194 | JQ | µS/cm | WA |
| 0 | Specific conductance | 195 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 23 | | µg/L | GE |
| 0 | Barium | 23 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.53 | J3 | µg/L | WA |
| 0 | Calcium | 41,500 | J2 | µg/L | GE |
| 0 | Calcium | 41,700 | | µg/L | WA |
| 0 | Chloride | 2,560 | | µg/L | GE |
| 0 | Chloride | 2,700 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.2 | J3 | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 16 | | µg/L | GE |
| 0 | Iron | 20 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 815 | | µg/L | GE |
| 0 | Magnesium | 767 | | µg/L | WA |
| 0 | Manganese | 5.4 | | µg/L | GE |
| 0 | Manganese | 5.3 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 116 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | 812 | | µg/L | GE |
| 0 | Potassium | 883 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 41,500 | | µg/L | GE |
| 0 | Silica | 35,500 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,840 | | µg/L | GE |
| 0 | Sodium | 1,860 | | µg/L | WA |

WELL HSB122A collected on 07/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sulfate | 10,300 | | µg/L | GE |
| 0 | Sulfate | 6,700 | | µg/L | WA |
| 0 | Total dissolved solids | 183,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 177,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 622 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 66 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 1.4 | J3 | µg/L | WA |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | 4.7 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.4E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.1E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 1.0E-09 ± 4.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.2E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.1E-07 | | µCi/mL | TM |

## WELL HSB122A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 100.19 ft (30.54 m) below TOC
Water elevation: 171.41 ft (52.25 m) msl
Sp. conductance: 228 µS/cm
Water evacuated before sampling: 226 gal
Time: 9:30
pH: 6.9
Alkalinity: 84 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | pH | 7.1 | JQ | pH | WA |
| 0 | Specific conductance | 218 | | µS/cm | GE |
| 0 | Specific conductance | 187 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | 9.6 | | µg/L | WA |
| 0 | Barium | 24 | | µg/L | GE |
| 0 | Barium | 23 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 42,000 | J2 | µg/L | GE |
| 0 | Calcium | 42,400 | | µg/L | WA |
| 0 | Chloride | 2,610 | | µg/L | GE |
| 0 | Chloride | 2,690 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 17 | | µg/L | GE |
| 0 | Iron | 20 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 819 | | µg/L | GE |
| 0 | Magnesium | 772 | | µg/L | WA |
| 0 | Manganese | 5.5 | | µg/L | GE |
| 0 | Manganese | 5.7 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 503 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 70 | | µg/L | GE |
| 0 | Potassium | 811 | | µg/L | GE |
| 0 | Potassium | 815 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | 2.4 | J3 | µg/L | WA |
| 0 | Silica | 42,000 | | µg/L | GE |
| 0 | Silica | 35,300 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,850 | | µg/L | GE |
| 0 | Sodium | 1,890 | | µg/L | WA |
| 0 | Sulfate | 10,400 | | µg/L | GE |
| 0 | Sulfate | 6,830 | | µg/L | WA |
| 0 | Total dissolved solids | 186,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 164,000 | | µg/L | WA |
| 0 | Total dissolved solids | 175,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL HSB122A collected on 07/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 56 | | µg/L | WA |
| 0 | Total phosphates (as P) | 62 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.86 | | µg/L | WA |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | 9.1 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.2E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.2E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-226 | <2.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | <9.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.2E-07 | | µCi/mL | TM |

## WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 92.77 ft (28.28 m) below TOC
Water elevation: 171.73 ft (52.34 m) msl
Sp. conductance: 218 µS/cm
Water evacuated before sampling: 208 gal
Time: 11:25
pH: 8.5
Alkalinity: 91 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.7 | JQ | pH | GE |
| 0 | Specific conductance | 210 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 69 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 40,100 | J2 | µg/L | GE |
| 0 | Chloride | 2,450 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 71 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 725 | | µg/L | GE |
| 0 | Manganese | 8.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | 1,410 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 46,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,700 | | µg/L | GE |
| 0 | Sulfate | 9,320 | | µg/L | GE |
| 0 | Total dissolved solids | 176,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 60 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB124AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 94.81 ft (28.90 m) below TOC
Water elevation: 171.99 ft (52.42 m) msl
Sp. conductance: 245 µS/cm
Water evacuated before sampling: 204 gal
Time: 11:50
pH: 6.9
Alkalinity: 90 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | Specific conductance | 230 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

WELL HSB124AR collected on 07/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 40,600 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,780 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 131 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,410 | | µg/L | GE |
| 1 | Manganese | 30 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 967 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 41,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,450 | | µg/L | GE |
| 0 | Sulfate | 12,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 176,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 110 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 8.42 ft (2.57 m) below TOC
Water elevation: 223.48 ft (68.12 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 204 gal
Time: 11:25
pH: 6.0
Alkalinity: 15 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 58 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.1 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 7,450 | J2 | µg/L | GE |
| 0 | Chloride | 2,500 | | µg/L | GE |

WELL HSB125C collected on 07/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | 4.3 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | 114 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,370 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 90 | | µg/L | GE |
| 0 | Potassium | 536 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,780 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 41,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 93 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 10.85 ft (3.31 m) below TOC
Water elevation: 220.65 ft (67.32 m) msl
Sp. conductance: 326 µS/cm
Water evacuated before sampling: 56 gal
Time: 10:45
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 1 | Specific conductance | 270 | | µS/cm | GE |
| 2 | Aluminum | 66 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 400 | | µg/L | GE |
| 0 | Chloride | 2,950 | | µg/L | GE |
| 0 | Chloride | 3,020 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 6.4 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 8.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 481 | | µg/L | GE |
| 2 | Manganese | 125 | | µg/L | GE |
| 2 | Mercury | 2.7 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 34,000 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,190 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 51,700 | | µg/L | GE |
| 0 | Sulfate | 7,460 | | µg/L | GE |
| 0 | Sulfate | 7,420 | | µg/L | GE |
| 0 | Total dissolved solids | 212,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 8.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 3.8E-08 ± 3.4E-09 | | µCi/mL | GE |
| 0 | Total activity | 4.0E-03 ± 4.7E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.1E-09 ± 8.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 3.8E-03 ± 9.2E-08 | | µCi/mL | GE |

## WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 8.60 ft (2.62 m) below TOC
Water elevation: 204.00 ft (62.18 m) msl
Sp. conductance: 215 µS/cm
Water evacuated before sampling: 73 gal
Time: 12:00
pH: 7.3
Alkalinity: 63 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.8 | JQ | pH | GE |
| 0 | Specific conductance | 210 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 34,600 | | µg/L | GE |
| 0 | Chloride | 2,620 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,410 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 6,100 | | µg/L | GE |
| 0 | Potassium | 690 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 26,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,070 | | µg/L | GE |
| 0 | Sulfate | 1,380 | | µg/L | GE |
| 0 | Total dissolved solids | 155,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.3E-08 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Total activity | 3.0E-04 ± 4.2E-06 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 5.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.9E-04 ± 2.5E-06 | | µCi/mL | GE |

## WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: 7.08 ft (2.16 m) below TOC
Water elevation: 205.62 ft (62.67 m) msl
Sp. conductance: 481 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 13:55
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.6 | JQ | pH | GE |
| 1 | Specific conductance | 395 | | µS/cm | GE |
| 2 | Aluminum | 430 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 100 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 7,020 | | µg/L | GE |
| 0 | Chloride | 3,810 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 3,940 | | µg/L | GE |
| 1 | Manganese | 43 | | µg/L | GE |
| 2 | Mercury | 6.0 | | µg/L | GE |
| 2 | Mercury | 5.4 | | µg/L | GE |
| 0 | Nickel | 5.4 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 54,600 | | µg/L | GE |
| 0 | Potassium | 733 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,160 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 69,400 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 314,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | 6.9 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |

WELL HSB126D collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Gross alpha | 2.0E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.3E-08 ± 3.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 5.0E-03 ± 5.2E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 4.8E-03 ± 1.0E-05 | | µCi/mL | GE |

## WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 15.47 ft (4.72 m) below TOC
Water elevation: 210.23 ft (64.08 m) msl
Sp. conductance: 273 µS/cm
Water evacuated before sampling: 162 gal
Time: 9:10
pH: 7.3
Alkalinity: 93 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.8 | JQ | pH | GE |
| 0 | pH | 7.8 | JQ | pH | GE |
| 1 | Specific conductance | 260 | | µS/cm | GE |
| 1 | Specific conductance | 260 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 45,900 | | µg/L | GE |
| 0 | Calcium | 45,900 | | µg/L | GE |
| 0 | Chloride | 3,110 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 810 | | µg/L | GE |
| 0 | Magnesium | 814 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 11,000 | | µg/L | GE |
| 0 | Potassium | 1,090 | | µg/L | GE |
| 0 | Potassium | 1,040 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 14,100 | | µg/L | GE |
| 0 | Silica | 14,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,370 | | µg/L | GE |
| 0 | Sodium | 5,380 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 186,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 198,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 7.9 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 4.8 | | µg/L | GE |
| 0 | Zinc | 4.7 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.8E-08 ± 2.8E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.0E-03 ± 7.4E-06 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 3.4E-08 ± 3.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 9.5E-04 ± 4.5E-06 | | µCi/mL | GE |

## WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 7.79 ft (2.37 m) below TOC
Water elevation: 218.31 ft (66.54 m) msl
Sp. conductance: 238 µS/cm
Water evacuated before sampling: 54 gal
Time: 8:40
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | GE |
| 0 | Specific conductance | 188 | | µS/cm | GE |
| 2 | Aluminum | 110 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,330 | | µg/L | GE |
| 0 | Chloride | 1,920 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 4.2 | | µg/L | GE |
| 0 | Copper | 5.4 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 20 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,260 | | µg/L | GE |
| 2 | Manganese | 323 | | µg/L | GE |
| 2 | Mercury | 3.1 | | µg/L | GE |
| 0 | Nickel | 4.4 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 25,500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,170 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 38,200 | | µg/L | GE |
| 0 | Sulfate | 4,320 | | µg/L | GE |
| 0 | Total dissolved solids | 147,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.1 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.1E-09 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 1 | Nonvolatile beta | 5.0E-08 ± 4.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1 1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 7.8E-03 ± 1.6E-04 | | µCi/mL | EM |
| 1 | Total alpha-emitting radium | 3.0E-09 ± 1.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.4E-03 ± 1.3E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: 8.85 ft (2.70 m) below TOC
Water elevation: 206.25 ft (62.87 m) msl
Sp. conductance: 178 µS/cm
Water evacuated before sampling: 33 gal
The well went dry during purging.
Time: 15:55
pH: 5.6
Alkalinity: 5 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 160 | | µS/cm | GE |
| 1 | Aluminum | 49 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 47 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13,700 | | µg/L | GE |
| 0 | Chloride | 3,770 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |

WELL HSB129C collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 129 | | µg/L | GE |
| 0 | Iron | 22 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 3,210 | | µg/L | GE |
| 1 | Manganese | 47 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 6.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 13,500 | | µg/L | GE |
| 0 | Potassium | 2,830 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 10,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 9,510 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 136,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 270 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 235 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 5.0E-08 ± 4.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.9E-03 ± 3.4E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-03 ± 6.3E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: 5.72 ft (1.74 m) below TOC
Water elevation: 208.98 ft (63.70 m) msl
Sp. conductance: 287 µS/cm
Water evacuated before sampling: 62 gal

Time: 9:15
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.6 | JQ | pH | GE |
| 1 | Specific conductance | 330 | | µS/cm | GE |
| 2 | Aluminum | 132 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 28 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,970 | | µg/L | GE |
| 0 | Chloride | 4,090 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,840 | | µg/L | GE |
| 0 | Manganese | 9.2 | | µg/L | GE |
| 0 | Mercury | 0.54 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 36,000 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,970 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 47,900 | | µg/L | GE |
| 0 | Sulfate | 1,230 | | µg/L | GE |
| 0 | Total dissolved solids | 256,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

WELL HSB129D collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.6E-09 ± 4.9E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 7.1E-08 ± 7.8E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 5.1E-03 ± 5.3E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 6.3E-03 ± 1.2E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 18.35 ft (5.59 m) below TOC
Water elevation: 199.95 ft (60.95 m) msl
Sp. conductance: 169 µS/cm
Water evacuated before sampling: 105 gal

Time: 13:45
pH: 7.6
Alkalinity: 68 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 8.0 | JQ | pH | GE |
| 0 | Specific conductance | 160 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 21 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 32,700 | J2 | µg/L | GE |
| 0 | Chloride | 1,970 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 660 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 320 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 330 | | µg/L | GE |
| 0 | Potassium | 623 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 15,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,870 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 103,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-08 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.1E-07 ± 3.0E-07 | | µCi/mL | GE |

## WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 18.22 ft (5.55 m) below TOC
Water elevation: 200.38 ft (61.06 m) msl
Sp. conductance: 90 µS/cm
Water evacuated before sampling: 48 gal
Time: 14:45
pH: 6.3
Alkalinity: 22 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Specific conductance | 88 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.1 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 16,600 | J2 | µg/L | GE |
| 0 | Chloride | 1,680 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 656 | | µg/L | GE |
| 0 | Manganese | 2.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 380 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,510 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,260 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 57,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.6E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 8.07 ft (2.46 m) below TOC
Water elevation: 203.63 ft (62.07 m) msl
Sp. conductance: 224 µS/cm
Water evacuated before sampling: 145 gal
Time: 12:45
pH: 7.5
Alkalinity: 84 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.9 | JQ | pH | GE |
| 0 | Specific conductance | 218 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 0 | Barium | 21 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 42,300 | J2 | µg/L | GE |
| 0 | Calcium | 43,400 | J2 | µg/L | GE |
| 0 | Chloride | 2,480 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 644 | | µg/L | GE |
| 0 | Magnesium | 658 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,380 | | µg/L | GE |
| 0 | Potassium | 818 | | µg/L | GE |
| 0 | Potassium | 780 | | µg/L | GE |

WELL HSB131C collected on 07/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 16,500 | | µg/L | GE |
| 0 | Silica | 16,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,160 | | µg/L | GE |
| 0 | Sodium | 3,230 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 161,000 | | µg/L | GE |
| 0 | Total dissolved solids | 155,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.6E-04 ± 1.9E-06 | | µCi/mL | GE |

## WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 6.35 ft (1.94 m) below TOC
Water elevation: 205.75 ft (62.71 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 35 gal
Time: 12:55
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 1 | Aluminum | 38 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 25 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,530 | J2 | µg/L | GE |
| 0 | Chloride | 1,050 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ6 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 326 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 577 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 280 | | µg/L | GE |
| 0 | Potassium | 597 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,990 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 690 | | µg/L | GE |
| 0 | Sulfate | 2,040 | | µg/L | GE |
| 0 | Total dissolved solids | 19,000 | | µg/L | GE |
| 0 | Total dissolved solids | 18,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 2.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 9.3E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 19.07 ft (5.81 m) below TOC
Water elevation: 221.43 ft (67.49 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 31 gal
The well went dry during purging.
Time: 8:20
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 1 | Aluminum | 34 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |

WELL HSB132C collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 801 | | µg/L | GE |
| 0 | Chloride | 2,420 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 5.1 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 23 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 283 | | µg/L | GE |
| 0 | Manganese | 10 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 150 | | µg/L | GE |
| 0 | Potassium | 609 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,730 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,240 | | µg/L | GE |
| 0 | Sulfate | 2,560 | | µg/L | GE |
| 0 | Total dissolved solids | 26,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 330 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 19.77 ft (6.03 m) below TOC
Water elevation: 220.93 ft (67.34 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 8:35
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.9 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 640 | | µg/L | GE |
| 0 | Chloride | 1,830 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 9.2 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 35 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 425 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.3 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 720 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,860 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,570 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 18,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 9.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.7E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 25.18 ft (7.67 m) below TOC
Water elevation: 230.42 ft (70.23 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 150 gal

Time: 13:10
pH: 5.7
Alkalinity: 10 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.4 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,800 | J2 | µg/L | GE |
| 0 | Chloride | 2,500 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 3.5 | | µg/L | GE |
| 0 | Magnesium | 446 | | µg/L | GE |
| 0 | Manganese | 4.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | 1,220 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 14,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,350 | | µg/L | GE |
| 0 | Sulfate | 1,010 | | µg/L | GE |
| 0 | Total dissolved solids | 38,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 230 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 5.6 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 20.14 ft (6.14 m) below TOC
Water elevation: 235.16 ft (71.68 m) msl
Sp. conductance: 69 µS/cm
Water evacuated before sampling: 93 gal

Time: 12:35
pH: 5.2
Alkalinity: 5 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 68 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,440 | J2 | µg/L | GE |
| 0 | Chloride | 8,070 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.7 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 109 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 470 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,810 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,500 | | µg/L | GE |
| 0 | Sulfate | 6,660 | | µg/L | GE |
| 0 | Total dissolved solids | 53,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |

WELL HSB133D collected on 07/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.9E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 17.50 ft (5.33 m) below TOC
Water elevation: 220.90 ft (67.33 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 188 gal

Time: 15:50
pH: 5.4
Alkalinity: 4 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 1 | Aluminum | 27 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.9 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,470 | V | µg/L | GE |
| 0 | Chloride | 2,720 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 117 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,100 | | µg/L | GE |
| 0 | Manganese | 21 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,460 | | µg/L | GE |
| 0 | Potassium | 564 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 14,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,040 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 4.6 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.8E-08 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.8E-05 ± 1.0E-06 | | µCi/mL | GE |

## WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 16.00 ft (4.88 m) below TOC
Water elevation: 222.10 ft (67.70 m) msl
Sp. conductance: 120 µS/cm
Water evacuated before sampling: 43 gal

Time: 15:30
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.5 | JQ | pH | GE |
| 0 | Specific conductance | 110 | | µS/cm | GE |
| 2 | Aluminum | 299 | | µg/L | GE |
| 2 | Aluminum | 298 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 29 | | µg/L | GE |
| 0 | Barium | 29 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 585 | | µg/L | GE |
| 0 | Calcium | 582 | | µg/L | GE |
| 0 | Chloride | 1,830 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |

WELL HSB134D collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 961 | | µg/L | GE |
| 0 | Magnesium | 957 | | µg/L | GE |
| 2 | Manganese | 90 | | µg/L | GE |
| 2 | Manganese | 90 | | µg/L | GE |
| 0 | Mercury | 0.38 | | µg/L | GE |
| 0 | Mercury | 0.37 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 12,000 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 11,500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,830 | | µg/L | GE |
| 0 | Silica | 6,630 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 15,000 | | µg/L | GE |
| 0 | Sodium | 15,000 | | µg/L | GE |
| 0 | Sulfate | 1,290 | | µg/L | GE |
| 0 | Total dissolved solids | 79,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ6 | µg/L | GE |
| 0 | Total organic halogens | 5.5 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 4.2 | | µg/L | GE |
| 0 | Zinc | 4.3 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 4.6E-07 ± 1.0E-08 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 4.5E-07 ± 1.0E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 8.9E-04 ± 6.9E-06 | | µCi/mL | EM |
| 1 | Total alpha-emitting radium | 2.7E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 8.6E-04 ± 4.4E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 25.33 ft (7.72 m) below TOC
Water elevation: 206.67 ft (62.99 m) msl
Sp. conductance: 203 µS/cm
Water evacuated before sampling: 195 gal

Time: 9:40
pH: 7.5
Alkalinity: 93 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.0 | JQ | pH | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 1 | Aluminum | 27 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 38,500 | V | µg/L | GE |
| 0 | Chloride | 2,550 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 387 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 515 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |

WELL HSB135C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 890 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 27,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,670 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 142,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 3,820 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | 5.0E-09 ± 2.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.3E-08 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 6.0E-05 ± 1.2E-06 | | µCi/mL | GE |
| 2 | Tritium | 6.2E-05 ± 1.2E-06 | | µCi/mL | GE |

## WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 13.88 ft (4.23 m) below TOC
Water elevation: 218.42 ft (66.58 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 49 gal
Time: 9:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 48 | | µS/cm | GE |
| 0 | Aluminum | 25 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.6 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 201 | | µg/L | GE |
| 0 | Chloride | 2,180 | | µg/L | GE |
| 0 | Chloride | 2,180 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 5.4 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 261 | | µg/L | GE |
| 0 | Manganese | 9.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,400 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,310 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 9,310 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 37,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 4.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.1E-08 ± 2.7E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.4E-04 ± 3.0E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.5E-04 ± 1.9E-06 | | µCi/mL | GE |

## WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: 10.31 ft (3.14 m) below TOC
Water elevation: 217.58 ft (66.32 m) msl
Sp. conductance: 421 µS/cm
Water evacuated before sampling: 29 gal
The well went dry during purging.
Time: 15:00
pH: 9.6
Alkalinity: 33 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 10 | JQ | pH | GE |
| 1 | Specific conductance | 345 | | µS/cm | GE |
| 2 | Aluminum | 86 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 67 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |

WELL HSB136C collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 20,500 | | µg/L | GE |
| 0 | Chloride | 3,800 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 137 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,280 | | µg/L | GE |
| 0 | Manganese | 8.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 37,600 | | µg/L | GE |
| 0 | Potassium | 7,230 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,080 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 51,900 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 286,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,830 | JQ | µg/L | GE |
| 0 | Total organic carbon | 2,780 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.1E-09 ± 2.9E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 8.7E-08 ± 4.9E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 8.4E-03 ± 1.6E-04 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.3E-09 ± 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.1E-03 ± 1.3E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: 6.90 ft (2.10 m) below TOC
Water elevation: 221.10 ft (67.39 m) msl
Sp. conductance: 252 µS/cm
Water evacuated before sampling: 55 gal
Time: 9:55
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.1 | JQ | pH | GE |
| 0 | Specific conductance | 220 | | µS/cm | GE |
| 2 | Aluminum | 4,160 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 86 | | µg/L | GE |
| 1 | Cadmium | 3.3 | | µg/L | GE |
| 0 | Calcium | 2,880 | | µg/L | GE |
| 0 | Chloride | 1,910 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 8.9 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ8 | µg/L | GE |
| 0 | Fluoride | 378 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,190 | | µg/L | GE |
| 2 | Manganese | 398 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 13 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 27,400 | | µg/L | GE |
| 0 | Potassium | 1,460 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 22,100 | | µg/L | GE |
| 0 | Sulfate | 3,640 | | µg/L | GE |
| 0 | Total dissolved solids | 123,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |

# ANALYTICAL RESULTS

WELL HSB136D collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 42 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.5E-07 ± 1.2E-08 | | µCi/mL | GP |
| 2 | Cobalt-60 | 1.2E-07 ± 1.7E-08 | | µCi/mL | EM |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 6.0E-08 ± 1.0E-08 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 2.0E-08 ± 2.7E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 4.4E-03 ± 1.2E-04 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 4.4E-08 ± 4.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.5E-03 ± 9.9E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: 15.23 ft (4.64 m) below TOC
Water elevation: 220.77 ft (67.29 m) msl
Sp. conductance: 563 µS/cm
Water evacuated before sampling: 28 gal
The well went dry during purging.

Time: 14:25
pH: 7.4
Alkalinity: 31 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.8 | JQ | pH | GE |
| 1 | Specific conductance | 480 | | µS/cm | GE |
| 1 | Aluminum | 27 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 67 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 34,300 | | µg/L | GE |
| 0 | Chloride | 3,390 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | 118 | | µg/L | GE |
| 0 | Iron | 8.5 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 5,380 | | µg/L | GE |
| 1 | Manganese | 39 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 60,800 | | µg/L | GE |
| 0 | Potassium | 3,300 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 68,400 | | µg/L | GE |
| 0 | Sulfate | 4,760 | | µg/L | GE |
| 0 | Total dissolved solids | 412,000 | | µg/L | GE |
| 1 | Total organic carbon | 5,270 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |

WELL HSB137C collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 1.7E-07 ± 7.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.2E-02 ± 1.8E-04 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.1E-02 ± 1.6E-05 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-02 ± 1.6E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: 13.93 ft (4.25 m) below TOC
Water elevation: 222.67 ft (67.87 m) msl
Sp. conductance: 168 µS/cm
Water evacuated before sampling: 46 gal

Time: 8:35
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 140 | | µS/cm | GE |
| 0 | Specific conductance | 140 | | µS/cm | GE |
| 2 | Aluminum | 91 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,690 | | µg/L | GE |
| 0 | Chloride | 2,140 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 120 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 27 | | µg/L | GE |
| 0 | Lead | 5.8 | | µg/L | GE |
| 0 | Lead | 5.5 | | µg/L | GE |
| 0 | Magnesium | 1,630 | | µg/L | GE |
| 2 | Manganese | 71 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.5 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 18,200 | | µg/L | GE |
| 0 | Potassium | 551 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,150 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 20,400 | | µg/L | GE |
| 0 | Sulfate | 1,050 | | µg/L | GE |
| 0 | Total dissolved solids | 100,000 | | µg/L | GE |
| 0 | Total dissolved solids | 101,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 124 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |

WELL HSB137D collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 5.6E-08 ± 4.9E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 5.6E-08 ± 5.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 4.7E-03 ± 5.1E-05 | | µCi/mL | EM |
| 1 | Total alpha-emitting radium | 3.5E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.0E-03 ± 8.1E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: 27.94 ft (8.52 m) below TOC
Water elevation: 224.48 ft (68.42 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 43 gal
Time: 13:20
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 55 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.1 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 860 | | µg/L | GE |
| 0 | Chloride | 2,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 7.1 | | µg/L | GE |
| 0 | Magnesium | 382 | | µg/L | GE |
| 0 | Manganese | 5.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 7,500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 5,990 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,210 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 50,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 45,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 41 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total activity | 5.6E-04 ± 5.5E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.8E-04 ± 3.2E-06 | | µCi/mL | GE |

## WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 59.87 ft (18.25 m) below TOC
Water elevation: 173.83 ft (52.98 m) msl
Sp. conductance: 227 µS/cm
Water evacuated before sampling: 226 gal
Time: 8:45
pH: 7.4
Alkalinity: 85 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.9 | JQ | pH | GE |
| 0 | Specific conductance | 225 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 21 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 42,700 | V | µg/L | GE |
| 0 | Chloride | 2,360 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |

WELL HSB139A collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 720 | | µg/L | GE |
| 0 | Manganese | 4.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 60 | | µg/L | GE |
| 0 | Potassium | 1,700 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 37,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,590 | | µg/L | GE |
| 0 | Sulfate | 3,740 | | µg/L | GE |
| 0 | Total dissolved solids | 139,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 6.0E-08 ± 4.3E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 19.23 ft (5.86 m) below TOC
Water elevation: 214.57 ft (65.40 m) msl
Sp. conductance: 419 µS/cm
Water evacuated before sampling: 28 gal
The well went dry during purging.
Time: 16:05
pH: 5.5
Alkalinity: 5 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 1 | Specific conductance | 360 | | µS/cm | GE |
| 2 | Aluminum | 130 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 76 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 20,200 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 5,190 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 5.6 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ6 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 155 | | µg/L | GE |
| 0 | Iron | 9.4 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ6 | µg/L | GE |
| 0 | Magnesium | 6,800 | | µg/L | GE |
| 2 | Manganese | 263 | | µg/L | GE |
| 1 | Mercury | 1.2 | | µg/L | GE |
| 1 | Mercury | 1.2 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ6 | µg/L | GE |
| 0 | Nickel | 8.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 48,800 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,570 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 44,400 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |

WELL HSB139C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Tetrachloroethylene | 8.8 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 302,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | 8.5 | | µg/L | GE |
| 0 | Total phosphates (as P) | 160 | JQ | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ6 | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.6 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 49 | | µg/L | GE |
| 0 | Gross alpha | 6.5E-09 ± 3.0E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 3.4E-08 ± 3.9E-09 | | µCi/mL | GE |
| 0 | Total activity | 3.1E-03 ± 4.2E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 3.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 3.0E-03 ± 8.0E-08 | | µCi/mL | GE |

## WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 10.04 ft (3.06 m) below TOC
Water elevation: 223.76 ft (68.20 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 45 gal

Time: 8:25
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 1 | Aluminum | 36 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.9 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,100 | V | µg/L | GE |
| 0 | Chloride | 2,890 | | µg/L | GE |
| 0 | Chloride | 2,760 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 8.3 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 640 | | µg/L | GE |
| 0 | Manganese | 24 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 580 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 6,030 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,420 | | µg/L | GE |
| 0 | Sulfate | 1,630 | | µg/L | GE |
| 0 | Sulfate | 1,650 | | µg/L | GE |
| 0 | Total dissolved solids | 23,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 5.9 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.5E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL HSB140A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 60.35 ft (18.39 m) below TOC
Water elevation: 175.55 ft (53.51 m) msl
Sp. conductance: 162 µS/cm
Water evacuated before sampling: 248 gal

Time: 11:55
pH: 8.9
Alkalinity: 57 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.2 | JQ | pH | GE |
| 0 | Specific conductance | 150 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 63 | | mg/L | GE |
| 1 | Aluminum | 26 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | 2.5 | | µg/L | GE |
| 0 | Barium | 48 | | µg/L | GE |

WELL HSB140A collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 25,700 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,220 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 609 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 3,440 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 29,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,630 | | µg/L | GE |
| 0 | Sulfate | 7,630 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 107,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 300 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.9E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 8.4E-07 ± 3.0E-07 | | µCi/mL | GE |

## WELL HSB140C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 30.13 ft (9.18 m) below TOC
Water elevation: 205.47 ft (62.63 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 115 gal

Time: 10:40
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | Specific conductance | 22 | | µG/cm | GE |
| 0 | Specific conductance | 23 | JQ | µS/cm | WA |
| 0 | Specific conductance | 23 | JQ | µS/cm | WA |
| 0 | Alkalinity (as $CaCO_3$) | 5.5 | | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |

WELL HSB140C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.6 | | µg/L | GE |
| 0 | Barium | 6.8 | | µg/L | GE |
| 0 | Barium | 7.3 | J3 | µg/L | WA |
| 0 | Barium | 6.8 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,560 | | µg/L | GE |
| 0 | Calcium | 1,560 | | µg/L | GE |
| 0 | Calcium | 1,950 | | µg/L | WA |
| 0 | Calcium | 1,760 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,810 | | µg/L | GE |
| 0 | Chloride | 1,920 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.8 | J3 | µg/L | WA |
| 0 | Chromium | 3.9 | J3 | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 1.3 | J3 | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | | µg/L | GE |
| 0 | Dichloromethane | 4.2 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |

WELL HSB140C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Iron | 2.8 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | 3.3 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 382 | | µg/L | GE |
| 0 | Magnesium | 366 | | µg/L | GE |
| 0 | Magnesium | 508 | | µg/L | WA |
| 0 | Magnesium | 422 | | µg/L | WA |
| 0 | Manganese | 6.3 | | µg/L | GE |
| 0 | Manganese | 6.3 | | µg/L | GE |
| 0 | Manganese | 6.9 | | µg/L | WA |
| 0 | Manganese | 6.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 3.7 | J3 | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,300 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 580 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 600 | | µg/L | WA |
| 0 | Potassium | 549 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 10,000 | | µg/L | GE |
| 0 | Silica | 10,100 | | µg/L | GE |
| 0 | Silica | 10,100 | | µg/L | WA |
| 0 | Silica | 9,500 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,510 | | µg/L | GE |
| 0 | Sodium | 1,510 | | µg/L | GE |
| 0 | Sodium | 1,830 | | µg/L | WA |
| 0 | Sodium | 1,700 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 384 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 26,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 25,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,150 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <10 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 47 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 1.4 | J3 | µg/L | WA |
| 0 | Vanadium | 1.4 | J3 | µg/L | WA |
| 0 | Zinc | 6.2 | | µg/L | GE |
| 0 | Zinc | 6.3 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | WA |
| 0 | Zinc | 9.5 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |

WELL HSB140C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.9E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 1.7E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.3E-09 ± 4.5E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <9.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 3.7E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 3.2E-06 ± 4.4E-07 | | µCi/mL | TM |
| 0 | Tritium | 3.2E-06 ± 4.7E-07 | | µCi/mL | TM |

## WELL HSB140C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 30.13 ft (9.18 m) below TOC
Water elevation: 205.47 ft (62.63 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 115 gal

Time: 10:40
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Specific conductance | 20 | JQ | µS/cm | WA |
| 0 | Alkalinity (as $CaCO_3$) | 5.3 | | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 1 | Antimony | 4.3 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.5 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,520 | | µg/L | GE |
| 0 | Calcium | 1,870 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,840 | | µg/L | GE |
| 0 | Chloride | 1,880 | | µg/L | GE |
| 0 | Chloride | 1,930 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.9 | J3 | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.5 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |

WELL HSB140C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 4.1 | | µg/L | GE |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 355 | | µg/L | GE |
| 0 | Magnesium | 482 | | µg/L | WA |
| 0 | Manganese | 6.1 | | µg/L | GE |
| 0 | Manganese | 6.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 607 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 610 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 453 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,730 | | µg/L | GE |
| 0 | Silica | 9,510 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,460 | | µg/L | GE |
| 0 | Sodium | 1,680 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 367 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 18,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 52,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 25 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 1.8 | J3 | µg/L | WA |
| 0 | Zinc | 6.4 | | µg/L | GE |
| 0 | Zinc | 10 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.6E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 3.0E-09 ± 9.4E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 2.1E-09 ± 7.7E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.7E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Radium-228 | <9.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.3E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 3.2E-06 ± 4.3E-07 | | µCi/mL | TM |

## WELL HSB140D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92 Time: 11:40
Depth to water: 23.11 ft (7.04 m) below TOC pH: 4.6
Water elevation: 213.09 ft (64.95 m) msl Alkalinity: 0 mg/L
Sp. conductance: 18 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 18 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 2.1 | | mg/L | GE |
| 0 | Alkalinity (as $CaCO_3$) | 2.1 | | mg/L | GE |
| 2 | Aluminum | 60 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 380 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,510 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.2 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 52 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 448 | | µg/L | GE |
| 0 | Manganese | 2.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 610 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 5,920 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 981 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 14,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 5.4 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.6E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL HSB141A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92 Time: 14:25
Depth to water: 79.91 ft (24.36 m) below TOC pH: 11.3
Water elevation: 174.69 ft (53.25 m) msl Alkalinity: 185 mg/L
Sp. conductance: 841 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 247 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 800 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 180 | V | mg/L | GE |
| 2 | Aluminum | 2,680 | | µg/L | GE |
| 2 | Aluminum | 2,680 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | 2.0 | | µg/L | GE |
| 0 | Barium | 58 | | µg/L | GE |
| 0 | Barium | 58 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 71,800 | | µg/L | GE |
| 0 | Calcium | 72,300 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,940 | | µg/L | GE |
| 0 | Chloride | 1,950 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 118 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 11 | | µg/L | GE |
| 0 | Magnesium | 9.6 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 10,200 | | µg/L | GE |
| 0 | Potassium | 10,300 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,300 | | µg/L | GE |
| 0 | Silica | 10,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,980 | | µg/L | GE |
| 0 | Sodium | 3,940 | | µg/L | GE |
| 0 | Sulfate | 6,140 | | µg/L | GE |
| 0 | Sulfate | 6,180 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 195,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | 12 | | µg/L | GE |

WELL HSB141A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Vanadium | 12 | | µg/L | GE |
| 0 | Zinc | 2.4 | | µg/L | GE |
| 0 | Zinc | 2.4 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.6E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB141C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 26.05 ft (7.94 m) below TOC
Water elevation: 228.65 ft (69.69 m) msl
Sp. conductance: 469 µS/cm
Water evacuated before sampling: 44 gal
The well went dry during purging.

Time: 11:15
pH: 11.2
Alkalinity: 111 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 0 | Specific conductance | 242 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 74 | V | mg/L | GE |
| 2 | Aluminum | 1,260 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 48 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 9,180 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,010 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | 4.5 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 218 | | µg/L | GE |
| 0 | Iron | 9.1 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 209 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 80 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 7,030 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 16,800 | | µg/L | GE |
| 0 | Sulfate | 12,900 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 111,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | 10.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.8E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

WELL HSB141C collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB141D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 12.89 ft (3.87 m) below TOC
Water elevation: 242.11 ft (73.80 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.

Time: 11:00
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 3.6 | V | mg/L | GE |
| 1 | Aluminum | 35 | | µg/L | GE |
| 1 | Aluminum | 38 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 412 | | µg/L | GE |
| 0 | Calcium | 415 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,780 | | µg/L | GE |
| 0 | Chloride | 1,780 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 31 | | µg/L | GE |
| 0 | Iron | 31 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 322 | | µg/L | GE |
| 0 | Magnesium | 325 | | µg/L | GE |
| 0 | Manganese | 7.0 | | µg/L | GE |
| 0 | Manganese | 7.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 290 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,940 | | µg/L | GE |
| 0 | Silica | 5,980 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,070 | | µg/L | GE |
| 0 | Sodium | 2,080 | | µg/L | GE |
| 0 | Sulfate | 1,720 | | µg/L | GE |
| 0 | Sulfate | 1,780 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 22,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 210 | | µg/L | GE |
| 0 | Total phosphates (as P) | 190 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |

WELL HSB141D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.7 | | µg/L | GE |
| 0 | Zinc | 3.9 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.9E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92
Depth to water: 5.26 ft (1.60 m) below TOC
Water elevation: 198.74 ft (60.58 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 97 gal
Time: 9:00
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 5.5 | V | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,690 | | µg/L | GE |
| 0 | Calcium | 1,670 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,430 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.5 | | µg/L | GE |
| 0 | Iron | 4.4 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 402 | | µg/L | GE |
| 0 | Magnesium | 406 | | µg/L | GE |
| 0 | Manganese | 4.3 | | µg/L | GE |
| 0 | Manganese | 4.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 380 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,600 | | µg/L | GE |
| 0 | Silica | 11,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,770 | | µg/L | GE |

WELL HSB142C collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| U | Sodium | 1,760 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 21,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 4.4 | | µg/L | GE |
| 0 | Zinc | 4.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92
Depth to water: 6.01 ft (1.83 m) below TOC
Water elevation: 198.18 ft (60.41 m) msl
Sp. conductance: 46 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.
Time: 9:15
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 38 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 3.1 | V | mg/L | GE |
| 2 | Aluminum | 60 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 26 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,130 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,660 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 23 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 582 | | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 7.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 480 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,230 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,620 | | µg/L | GE |
| 0 | Sulfate | 6,360 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |

WELL HSB142D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 36,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 400 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 4.5E-04 ± 5.0E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.2E-04 ± 3.0E-06 | | µCi/mL | GE |

## WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92 Time: 11:50
Depth to water: 13.00 ft (3.96 m) below TOC pH: 5.0
Water elevation: 209.20 ft (63.76 m) msl Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 105 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 4.8 | | mg/L | GE |
| 1 | Aluminum | 28 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 737 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,700 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 221 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 470 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 6,780 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,290 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 21,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |

WELL HSB143C collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | V | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | V | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.2E-08 ± 2.3E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 5.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92 Time: 12:10
Depth to water: 9.00 ft (3.00 m) below TOC pH: 4.5
Water elevation: 213.05 ft (64.94 m) msl Alkalinity: 0 mg/L
Sp. conductance: 21 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 2.2 | | mg/L | GE |
| 2 | Aluminum | 51 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 219 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,840 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 5.5 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 383 | | µg/L | GE |
| 0 | Manganese | 4.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 640 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 5,970 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,380 | | µg/L | GE |
| 0 | Sulfate | 1,020 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 22,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |

WELL HSB143D collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | 3.0E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.7E-08 ± 2.6E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.6E-09 ± 9.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92 — Time: 10:15
Depth to water: 64.89 ft (19.78 m) below TOC — pH: 6.6
Water elevation: 170.71 ft (52.03 m) msl — Alkalinity: 44 mg/L
Sp. conductance: 167 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 242 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | GE |
| 1 | Specific conductance | 310 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 60 | V | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 33 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 24,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,350 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 131 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 660 | | µg/L | GE |
| 1 | Manganese | 42 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 4.4 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,550 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,350 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 27,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,590 | | µg/L | GE |
| 0 | Sulfate | 6,470 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 111,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 7.4 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.7E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.1E-03 ± 2.7E-05 | | µCi/mL | EM |

WELL HSB144A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | 1.4E-09 ± 6.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.1E-03 ± 4.8E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.0E-03 ± 4.7E-06 | | µCi/mL | GE |

## WELL HSB145C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92 — Time: 11:50
Depth to water: 22.20 ft (6.77 m) below TOC — pH: 5.9
Water elevation: 213.50 ft (65.08 m) msl — Alkalinity: 17 mg/L
Sp. conductance: 350 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 128 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | Specific conductance | 140 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 24 | V | mg/L | GE |
| 2 | Aluminum | 71 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 95 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 23,200 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 6,040 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 103 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 6,300 | | µg/L | GE |
| 2 | Manganese | 101 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 6.9 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 33,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 28,800 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 16 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 257,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 237,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.3 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Gross alpha | 3.2E-09 ± 2.4E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 5.0E-08 ± 4.1E-09 | | µCi/mL | GE |

WELL HSB145C collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total activity | 1.9E-03 ± 3.4E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | < 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.7E-03 ± 6.1E-08 | | µCi/mL | GE |

## WELL HSB145D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92 — Time: 11:25
Depth to water: 15.08 ft (4.60 m) below TOC — pH: 5.5
Water elevation: 221.12 ft (67.40 m) msl — Alkalinity: 12 mg/L
Sp. conductance: 359 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 97 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.8 | JQ | pH | GE |
| 1 | Specific conductance | 320 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 18 | | mg/L | GE |
| 2 | Aluminum | 478 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 170 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 12,600 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,940 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 15 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ6 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 168 | | µg/L | GE |
| 0 | Fluoride | 172 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ6 | µg/L | GE |
| 0 | Magnesium | 3,120 | | µg/L | GE |
| 2 | Manganese | 810 | | µg/L | GE |
| 1 | Mercury | 1.9 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ6 | µg/L | GE |
| 0 | Nickel | 8.5 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 39,200 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 3,220 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,650 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 43,400 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 263,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ6 | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 17 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Chromium-51 | <1.2E-07 | | µCi/mL | EM |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |

WELL HSB145D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 5.6E-08 ± 7.3E-09 | | µCi/mL | GE |
| 0 | Iodine-131 | <2.0E-08 | | µCi/mL | EM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Niobium-95 | <1.5E-08 | | µCi/mL | EM |
| 2 | Nonvolatile beta | 4.4E-07 ± 1.3E-08 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <1.3E-07 | | µCi/mL | EM |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 5.7E-03 ± 5.6E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 1.6E-08 ± 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.4E-03 ± 1.1E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zirconium-95 | <2.0E-08 | | µCi/mL | EM |

## WELL HSB146A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92 — Time: 13:10
Depth to water: 75.81 ft (23.11 m) below TOC — pH: 7.0
Water elevation: 175.79 ft (53.58 m) msl — Alkalinity: 94 mg/L
Sp. conductance: 202 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 238 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.6 | JQ | pH | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 88 | V | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 38 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 39,200 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,500 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |

WELL HSB146A collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Magnesium | 738 | | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,190 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 27,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,030 | | µg/L | GE |
| 0 | Sulfate | 4,430 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 126,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL HSB146C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 42.32 ft (12.90 m) below TOC
Water elevation: 209.98 ft (64.00 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 151 gal

Time: 9:35
pH: 7.3
Alkalinity: 25 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.9 | JQ | pH | GE |
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Specific conductance | 79 | JQ | µS/cm | WA |
| 0 | Specific conductance | 79 | JQ | µS/cm | WA |
| 0 | Alkalinity (as $CaCO_3$) | 32 | V | mg/L | GE |
| 2 | Aluminum | 94 | | µg/L | GE |
| 2 | Aluminum | 93 | | µg/L | WA |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | 2.6 | J3 | µg/L | WA |
| 0 | Barium | 37 | | µg/L | GE |
| 0 | Barium | 31 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 6,560 | | µg/L | GE |
| 0 | Calcium | 5,360 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,100 | | µg/L | GE |
| 0 | Chloride | 2,210 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |

WELL HSB146C collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.5 | J3 | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 2.2 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.10 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | 105 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 4.9 | | µg/L | GE |
| 0 | Iron | 7.9 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.052 | | µg/L | WA |
| 0 | Magnesium | 242 | | µg/L | GE |
| 0 | Magnesium | 216 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 1.2 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.52 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 581 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 670 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 4,530 | | µg/L | GE |
| 0 | Potassium | 4,050 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,750 | | µg/L | GE |
| 0 | Silica | 4,900 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 6,110 | | µg/L | GE |
| 0 | Sodium | 5,650 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 996 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 46,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 42,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 19 | JQ | µg/L | WA |
| 0 | Total organic halogens | 12 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 86 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.0 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |

WELL HSB146C collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 3.7 | J3 | µg/L | WA |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | 7.2 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.2E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 3.6E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.3E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 4.1E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 2.2E-09 ± 8.2E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 2.7E-09 ± 6.8E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <4.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <5.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 5.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 1.7E-06 | | µCi/mL | TM |
| 1 | Tritium | 1.0E-05 ± 1.6E-06 | | µCi/mL | TM |

## WELL HSB146C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 42.32 ft (12.90 m) below TOC
Water elevation: 209.98 ft (64.00 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 151 gal
Time: 9:35
pH: 7.3
Alkalinity: 25 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.9 | JQ | pH | GE |
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | Specific conductance | 70 | | µS/cm | GE |
| 0 | Specific conductance | 70 | JQ | µS/cm | WA |
| 0 | Alkalinity (as $CaCO_3$) | 35 | V | mg/L | GE |
| 2 | Aluminum | 111 | | µg/L | GE |
| 2 | Aluminum | 86 | | µg/L | WA |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 38 | | µg/L | GE |
| 0 | Barium | 34 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 8,480 | J2 | µg/L | GE |
| 0 | Calcium | 6,060 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,120 | | µg/L | GE |
| 0 | Chloride | 2,220 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.3 | J3 | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.1 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |

WELL HSB146C collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin | <0.10 | | µg/L | WA |
| 0 | Endrin | <0.21 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 5.1 | | µg/L | GE |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.052 | | µg/L | WA |
| 0 | Lindane | <0.10 | | µg/L | WA |
| 0 | Magnesium | 249 | | µg/L | GE |
| 0 | Magnesium | 229 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 0.78 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.52 | | µg/L | WA |
| 0 | Methoxychlor | <1.0 | | µg/L | WA |
| 0 | Methoxychlor | <1.0 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 574 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 670 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 4,550 | | µg/L | GE |
| 0 | Potassium | 4,380 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,100 | | µg/L | GE |
| 0 | Silica | 5,360 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 6,190 | | µg/L | GE |
| 0 | Sodium | 6,100 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 1,030 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 45,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 37,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 6.1 | | µg/L | GE |
| 0 | Total organic halogens | 15 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 120 | | µg/L | GE |
| 0 | Total phosphates (as P) | 79 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.0 | | µg/L | WA |
| 0 | Toxaphene | <2.1 | | µg/L | WA |
| 0 | Toxaphene | <2.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 3.2 | J3 | µg/L | WA |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | 3.6 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.7E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 2.0E-09 ± 5.7E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.7E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 6.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 1.6E-06 | | µCi/mL | TM |

## WELL HSB146D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 Time: 10:05
Depth to water: 31.31 ft (9.54 m) below TOC pH: 5.0
Water elevation: 221.79 ft (67.60 m) msl Alkalinity: 1 mg/L
Sp. conductance: 16 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 62 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 15 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 3.1 | V | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.4 | | µg/L | GE |
| 0 | Barium | 9.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 749 | | µg/L | GE |
| 0 | Calcium | 748 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,280 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 6.8 | | µg/L | GE |
| 0 | Copper | 6.8 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 10.0 | | µg/L | GE |
| 0 | Iron | 9.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 304 | | µg/L | GE |
| 0 | Magnesium | 304 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 5.6 | | µg/L | GE |
| 0 | Nickel | 6.8 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 510 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,350 | | µg/L | GE |
| 0 | Silica | 5,340 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,280 | | µg/L | GE |
| 0 | Sodium | 1,280 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 11,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 19 | | µg/L | GE |
| 0 | Zinc | 19 | | µg/L | GE |

WELL HSB146D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.3E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL HSB147D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92 Time: 8:00
Depth to water: 34.04 ft (10.38 m) below TOC pH: 5.5
Water elevation: 233.26 ft (71.10 m) msl Alkalinity: 2 mg/L
Sp. conductance: 33 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 6.0 | V | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,130 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 4,190 | | µg/L | GE |
| 0 | Chloride | 4,210 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.8 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 9.2 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 670 | | µg/L | GE |
| 0 | Manganese | 7.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 580 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 824 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,590 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,850 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 21,000 | JQV | µg/L | GE |
| 0 | Total dissolved solids | 24,000 | JQV | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 60 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.1E-05 ± 7.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL HSB148C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 — Time: 12:15
Depth to water: 49.42 ft (15.06 m) below TOC — pH: 10.8
Water elevation: 201.48 ft (61.41 m) msl — Alkalinity: 68 mg/L
Sp. conductance: 314 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 24 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 1 | Specific conductance | 285 | | µS/cm | GE |
| 1 | Specific conductance | 285 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 82 | V | mg/L | GE |
| 2 | Aluminum | 871 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 21,300 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,670 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 139 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 78 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 430 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 6,710 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,790 | | µg/L | GE |
| 0 | Sulfate | 2,970 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 97,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,000 | JQ | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.7E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL HSB148D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 — Time: 12:00
Depth to water: 37.84 ft (11.53 m) below TOC — pH: 9.6
Water elevation: 213.26 ft (65.00 m) msl — Alkalinity: 21 mg/L
Sp. conductance: 72 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.5 | JQ | pH | GE |
| 0 | Specific conductance | 85 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 30 | V | mg/L | GE |
| 2 | Aluminum | 696 | | µg/L | GE |
| 2 | Aluminum | 692 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 16,600 | J2 | µg/L | GE |
| 0 | Calcium | 16,600 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,940 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 1.1 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 174 | | µg/L | GE |
| 0 | Magnesium | 173 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,260 | | µg/L | GE |
| 0 | Potassium | 1,250 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,690 | | µg/L | GE |
| 0 | Silica | 9,640 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,560 | | µg/L | GE |
| 0 | Sodium | 2,550 | | µg/L | GE |
| 0 | Sulfate | 3,760 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 48,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 52,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

WELL HSB148D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | 11 | | µg/L | GE |
| 0 | Vanadium | 11 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL HSB149D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: 15.42 ft (4.70 m) below TOC
Water elevation: 224.58 ft (68.45 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 46 gal

Time: 10:45
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.8 | JQ | pH | GE |
| 0 | pH | 4.8 | JQ | pH | GE |
| 0 | Specific conductance | 18 | | µS/cm | GE |
| 0 | Specific conductance | 18 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 2.1 | V | mg/L | GE |
| 2 | Aluminum | 75 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.9 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 213 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,890 | | µg/L | GE |
| 0 | Chloride | 1,820 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 5.4 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 32 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 320 | | µg/L | GE |
| 0 | Manganese | 5.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,650 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,520 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 18,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 13,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |

WELL HSB149D collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 7.7 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.8E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL HSB150D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 9.56 ft (2.91 m) below TOC
Water elevation: 229.44 ft (69.93 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 59 gal

Time: 14:45
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 6.4 | V | mg/L | GE |
| 0 | Alkalinity (as $CaCO_3$) | 6.3 | V | mg/L | GE |
| 1 | Aluminum | 30 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 686 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,740 | | µg/L | GE |
| 0 | Chloride | 2,760 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 6.2 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 8.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 483 | | µg/L | GE |
| 0 | Manganese | 2.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 630 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,590 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,030 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 19,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |

WELL HSB150D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 5.3 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.8E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 9:15
Depth to water: 5.04 ft (1.54 m) below TOC pH: 4.7
Water elevation: 208.56 ft (63.57 m) msl Alkalinity: 0 mg/L
Sp. conductance: 87 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 90 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 1.7 | V | mg/L | GE |
| 2 | Aluminum | 88 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 21 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,130 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,580 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 6.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,41( | | µg/L | GE |
| 0 | Manganese | 10 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 9,400 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 535 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,090 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 9,690 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 69,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 62,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.3E-08 ± 2.3E-09 | | µCi/mL | GE |

WELL HSB151C collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total activity | 1.9E-03 ± 1.0E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 5.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-03 ± 6.3E-06 | | µCi/mL | GE |

## WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 8:45
Depth to water: 5.44 ft (1.66 m) below TOC pH: 4.7
Water elevation: 208.16 ft (63.45 m) msl Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm Water temperature: 22.4°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 2.6 | V | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.0 | | µg/L | GE |
| 0 | Barium | 5.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 444 | | µg/L | GE |
| 0 | Calcium | 443 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,400 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 17 | | µg/L | GE |
| 0 | Copper | 17 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 464 | | µg/L | GE |
| 0 | Magnesium | 460 | | µg/L | GE |
| 0 | Manganese | 2.9 | | µg/L | GE |
| 0 | Manganese | 2.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,290 | | µg/L | GE |

WELL HSB151D collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,030 | | µg/L | GE |
| 0 | Silica | 6,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,330 | | µg/L | GE |
| 0 | Sodium | 2,320 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 20,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 12 | JQ | µg/L | GE |
| 0 | Total phosphates (as P) | 90 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 16 | | µg/L | GE |
| 0 | Zinc | 16 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 2.6E-04 ± 3.6E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 5.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.6E-04 ± 2.4E-06 | | µCi/mL | GE |

## WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: 15.06 ft (4.59 m) below TOC
Water elevation: 199.04 ft (60.67 m) msl
Sp. conductance: 105 µS/cm
Water evacuated before sampling: 68 gal

Time: 8:10
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 3.3 | V | mg/L | GE |
| 2 | Aluminum | 57 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 33 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,530 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,230 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 9.2 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |

WELL HSB152C collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 2,530 | | µg/L | GE |
| 1 | Manganese | 37 | J2 | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 10,500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 680 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,350 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,280 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 76,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 14 | | µg/L | GE |
| 0 | Gross alpha | 2.1E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.4E-08 ± 2.9E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.2E-03 ± 8.1E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-03 ± 5.1E-06 | | µCi/mL | GE |

## WELL HSB152D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 9:45
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 5.3 | V | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 21 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 874 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,600 | | µg/L | GE |
| 0 | Chloride | 3,580 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 48 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 51 | | µg/L | GE |
| 0 | Lead | 6.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 545 | | µg/L | GE |
| 0 | Manganese | 24 | J2 | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL HSB152D collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,170 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,980 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,530 | | µg/L | GE |
| 0 | Sulfate | 1,150 | | µg/L | GE |
| 0 | Sulfate | 1,150 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,300 | | µg/L | GE |
| 0 | Total organic carbon | 1,600 | | µg/L | GE |
| 0 | Total organic halogens | 25 | JQ | µg/L | GE |
| 0 | Total phosphates (as P) | 620 | | µg/L | GE |
| 0 | Total phosphates (as P) | 630 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 17 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <6.0 | | µg/L | GE |
| 0 | Zinc | 68 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.1E-04 ± 3.0E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.0E-04 ± 2.1E-06 | | µCi/mL | GE |

## WELL HSL 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92
Depth to water: 28.63 ft (8.73 m) below TOC
Time: 12:50
pH: 4.5
Alkalinity: 0 mg/L
Sp. conductance: 77 µS/cm
Water temperature: 23.1°C
Water evacuated before sampling: 10 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 92 | | µS/cm | GE |
| 0 | Specific conductance | 92 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | JQ6 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ6 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | JQ6 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | JQ6 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | JQ6 | µg/L | GE |
| 0 | Aniline | <10 | JQ6 | µg/L | GE |
| 0 | Anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | JQ6 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ6 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | JQ6 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ6 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 847 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |

WELL HSL 1D collected on 08/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 3,970 | | µg/L | GE |
| 0 | Chloride | 3,960 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | JQ6 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | JQ6 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ6 | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ6 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ6 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ6 | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialiate | <10 | JQ6 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | Dibenzofuran | <10 | JQ6 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ6 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | Dimethoate | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ6 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | JQ6 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | JQ6 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | JQ6 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ6 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ6 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | JQ6 | µg/L | GE |
| 0 | Diphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | Disulfoton | <10 | JQ6 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | JQ6 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | JQ6 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | JQ6 | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ6 | µg/L | GE |
| 0 | Fluorene | <10 | JQ6 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.000065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |

WELL HSL 1D collected on 08/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ6 | µg/L | GE |
| 0 | Hexachloropropene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | JQ6 | µg/L | GE |
| 0 | Isophorone | <10 | JQ6 | µg/L | GE |
| 0 | Isosafrole | <10 | JQ6 | µg/L | GE |
| 0 | Kepone | <10 | JQ6 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,430 | | µg/L | GE |
| 1 | Manganese | 40 | | µg/L | GE |
| 0 | Mercury | 0.25 | | µg/L | GE |
| 0 | Mercury | 0.23 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyriene | <10 | JQ6 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | JQ6 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | JQ6 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | JQ6 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ6 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | JQ6 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | JQ6 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | JQ6 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 6,240 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | JQ6 | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ6 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | JQ6 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | JQ6 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | JQ6 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | JQ6 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | JQ6 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenacetin | <10 | JQ6 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ6 | µg/L | GE |
| 0 | Phenol | <10 | JQ6 | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | JQ6 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | JQ6 | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | JQ6 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |

WELL HSL 1D collected on 08/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pyrene | <10 | JQ6 | µg/L | GE |
| 0 | Pyridine | <10 | JQ6 | µg/L | GE |
| 0 | Safrole | <10 | JQ6 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,180 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 9,580 | J2 | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 2,480 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | JQ6 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | JQ6 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | JQ6 | µg/L | GE |
| 0 | Total dissolved solids | 53,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 54,000 | JQV | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ6 | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | JQ6 | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 4.3 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 6.1E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 5.8E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 5.0E-05 ± 2.2E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.3E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.6E-04 ± 3.2E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HSL 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92 Time: 11:40
Depth to water: 23.38 ft (7.13 m) below TOC pH: 4.9
Alkalinity: 0 mg/L
Sp. conductance: 55 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 11 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 48 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL HSL 2D collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.6 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 813 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 4,230 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.9 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |

WELL HSL 2D collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 535 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,880 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |

WELL HSL 2D collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,000 | J2 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 9,420 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 3,690 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 40,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 45,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 4.1 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 7.8E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 6.5E-04 ± 6.0E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 8.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 5.8E-04 ± 3.6E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HSL 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92
Depth to water: 17.07 ft (5.20 m) below TOC

Sp. conductance: 43 µS/cm
Water evacuated before sampling: 14 gal

Time: 10:40
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |

WELL HSL 3D collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 317 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 4,540 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL HSL 3D collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 431 | | µg/L | GE |
| 2 | Manganese | 129 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | 4.2 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,900 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |

WELL HSL 3D collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,460 | J2 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,210 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 1,090 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | 2.1 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 35,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 8.2 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 5.5E-04 ± 5.6E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.4E-04 ± 3.5E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HSL 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/92
Depth to water: 10.73 ft (3.27 m) below TOC

Time: 14:10
pH: 5.4
Alkalinity: 16 mg/L
Water temperature: 24.4°C

Sp. conductance: 116 µS/cm
Water evacuated before sampling: 15 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 125 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 49 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 8,760 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.30 | | µg/L | GE |
| 0 | Chloride | 3,650 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |

WELL HSL 4D collected on 09/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 6.3 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 4,120 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Mercury | 0.43 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,600 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL HSL 4D collected on 09/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | 4,180 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,660 | J2 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,030 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 14,300 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | 5.5 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 76,000 | | µg/L | GE |
| 0 | Total dissolved solids | 72,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,020 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 2.7 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 2 | Nonvolatile beta | 5.9E-08 ± 4.2E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.9E-05 ± 1.3E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 9.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.7E-05 ± 8.0E-07 | | µCi/mL | GE |

WELL HSL 4D collected on 09/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HSL 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/92
Depth to water: 18.36 ft (5.60 m) below TOC

Sp. conductance: 96 µS/cm
Water evacuated before sampling: 12 gal

Time: 12:05
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 23.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.4 | JQ | pH | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 30 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,610 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,550 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |

WELL HSL 6D collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | 165 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | 3.8 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,590 | | µg/L | GE |
| 2 | Manganese | 84 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,780 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |

WELL HSL 6D collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,460 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,920 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 29,200 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 56,000 | JQV | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 8.6 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 5.3E-09 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 2 | Nonvolatile beta | 1.1E-07 ± 5.6E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 1.2E-04 ± 2.8E-06 | | µCi/mL | EM |

WELL HSL 6D collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Total alpha-emitting radium | 2.7E-08 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 1.7E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HSL 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/92
Depth to water: 22.70 ft (6.92 m) below TOC

Sp. conductance: 81 µS/cm
Water evacuated before sampling: 12 gal

Time: 11:05
pH: 5.3
Alkalinity: 7 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 82 | | µS/cm | GE |
| 0 | Specific conductance | 82 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 48 | | µg/L | GE |
| 0 | Barium | 49 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,940 | | µg/L | GE |
| 0 | Calcium | 2,890 | | µg/L | GE |
| 0 | Carbon disulfide | 1.2 | | µg/L | GE |

WELL HSL 7D collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 5,380 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |

WELL HSL 7D collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | 31 | | µg/L | GE |
| 0 | Iron | 31 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,770 | | µg/L | GE |
| 0 | Magnesium | 1,760 | | µg/L | GE |
| 2 | Manganese | 277 | | µg/L | GE |
| 2 | Manganese | 275 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |

WELL HSL 7D collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,950 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL HSL 7D collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,300 | | µg/L | GE |
| 0 | Silica | 11,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 8,970 | | µg/L | GE |
| 0 | Sodium | 9,040 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 6,660 | | µg/L | GE |
| 0 | Sulfide | <25,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 2.3 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 62,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 62,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.6 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 24 | | µg/L | GE |
| 0 | Zinc | 24 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.2E-09 ± 1.5E-09 | | µCi/mL | GE |

WELL HSL 7D collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 6.0E-05 ± 2.2E-06 | | µCi/mL | EM |
| 1 | Total alpha-emitting radium | 3.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.4E-05 ± 1.2E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HSL 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/92 Time: 10:15
Depth to water: 26.86 ft (8.19 m) below TOC pH: 5.4
Alkalinity: 3 mg/L
Sp. conductance: 159 µS/cm Water temperature: 23.0°C
Water evacuated before sampling: 11 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 135 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | JQ | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <10 | JQ | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | JQ | µg/L | GE |
| 0 | Acrylonitrile | <20 | JQ | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | JQ | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 39 | | µg/L | GE |
| 0 | Benzene | <1.0 | JQ | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | JQ | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | JQ | µg/L | GE |
| 0 | Bromoform | <1.0 | JQ | µg/L | GE |
| 0 | Bromomethane | <1.0 | JQ | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,190 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | JQ | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | JQ | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,130 | | µg/L | GE |
| 0 | Chloride | 2,110 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | JQ | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | JQ | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | JQ | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | 1.4 | JQ | µg/L | GE |
| 0 | Chloromethane | <1.0 | JQ | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | JQ | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |

WELL HSL 8D collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | JQ | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | JQ | µg/L | GE |
| 0 | Dibromomethane | <1.0 | JQ | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | JQ | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | Dichloromethane | <1.0 | JQ | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | JQ | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | JQ | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | JQ | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | JQ | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | JQ | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | JQ | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | JQ | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |

WELL HSL 8D collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Magnesium | 1,950 | | µg/L | GE |
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | JQ | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | JQ | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | JQ | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 16,400 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | JQ | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,440 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 23,900 | | µg/L | GE |
| 0 | Styrene | <1.0 | JQ | µg/L | GE |
| 0 | Sulfate | 1,000 | | µg/L | GE |
| 0 | Sulfate | 1,020 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | JQ | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL HSL 8D collected on 09/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | 2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | JQ | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 116,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 119,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | JQ | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | JQ | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | JQ | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | JQ | µg/L | GE |
| 0 | Xylenes | <2.0 | JQ | µg/L | GE |
| 0 | Zinc | 2.3 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.0E-09 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 1 | Nonvolatile beta | 3.3E-08 ± 4.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.7E-03 ± 1.2E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.5E-03 ± 7.4E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 40.48 ft (12.34 m) below TOC
Water elevation: 269.62 ft (82.18 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.

Time: 10:55
pH: 5.5
Alkalinity: 4 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | WA |
| 0 | pH | 5.8 | JQ | pH | WA |
| 0 | Specific conductance | 28 | JQ | µS/cm | WA |
| 0 | Specific conductance | 28 | JQ | µS/cm | WA |
| 0 | Chloride | 1,930 | | µg/L | WA |
| 0 | Lead | 5.6 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,310 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Sodium | 1,780 | | µg/L | WA |
| 0 | Total dissolved solids | 37,000 | | µg/L | WA |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |

## WELL HSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 35.74 ft (10.89 m) below TOC
Water elevation: 268.66 ft (81.89 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 90 gal

Time: 14:40
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 28 | JQ | µS/cm | WA |
| 0 | Specific conductance | 28 | JQ | µS/cm | WA |
| 0 | Chloride | 2,770 | | µg/L | WA |
| 0 | Chloride | 2,770 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,120 | | µg/L | WA |

WELL HSS 2D collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Sodium | 2,020 | | µg/L | WA |
| 0 | Total dissolved solids | 43,000 | | µg/L | WA |
| 0 | Total dissolved solids | 41,000 | | µg/L | WA |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.2E-09 ± 3.9E-10 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |

## WELL HSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 27.67 ft (8.43 m) below TOC
Water elevation: 282.13 ft (85.99 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 19 gal
The well went dry during purging.

Time: 11:10
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | WA |
| 0 | Specific conductance | 24 | JQ | µS/cm | WA |
| 0 | Chloride | 3,290 | | µg/L | WA |
| 2 | Lead | 21 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,090 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Sodium | 2,810 | | µg/L | WA |
| 0 | Total dissolved solids | 19,000 | | µg/L | WA |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |

## WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92
Depth to water: 7.50 ft (2.29 m) below TOC
Water elevation: 274.50 ft (83.67 m) msl
Sp. conductance: 2300 µS/cm
No water was evacuated before sampling.

Time: 10:30
pH: 6.9
Water temperature: 31.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 33 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Lead | 214 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 50 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,470 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.4E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 7.4E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.0E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.4E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 0
Inaccessibility or mechanical problem prevented sample collection.

## WELL HTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 0
Inaccessibility or mechanical problem prevented sample collection.

## WELL HTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 0
Inaccessibility or mechanical problem prevented sample collection.

## WELL HTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 0
Inaccessibility or mechanical problem prevented sample collection.

## WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 0
Inaccessibility or mechanical problem prevented sample collection.

## WELL HTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 9:40
Depth to water: 26.20 ft (7.99 m) below TOC pH: 5.0
Water elevation: 279.10 ft (85.07 m) msl
Sp. conductance: 114 µS/cm Water temperature: 25.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Barium | 105 | | µg/L | GE |
| 2 | Cadmium | 17 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Lead | 38 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,550 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,970 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 9.0E-08 ± 2.6E-08 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 1.1E-08 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |

WELL HTF 7 collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 1.3E-08 ± 2.7E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.3E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 0
Inaccessibility or mechanical problem prevented sample collection.

## WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 Time: 10:20
Depth to water: 48.50 ft (14.78 m) below TOC pH: 6.3
Water elevation: 275.50 ft (83.97 m) msl
Sp. conductance: 73 µS/cm Water temperature: 25.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | 49 | | µg/L | GE |
| 2 | Lead | 20 | | µg/L | GE |
| 1 | Mercury | 1.8 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,090 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 3.4E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 8.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 7.4E-05 ± 1.4E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 Time: 10:40
Depth to water: 47.00 ft (14.33 m) below TOC pH: 6.1
Water elevation: 275.70 ft (84.03 m) msl
Sp. conductance: 152 µS/cm Water temperature: 23.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 15 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | 3.2 | | µg/L | GE |
| 0 | Mercury | 0.32 | | µg/L | GE |

WELL HTF 10 collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 80 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,630 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 3.3E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Strontium-90 | 6.0E-09 ± 1.3E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 9.0E-10 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.7E-09 ± 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.1E-05 ± 1.3E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 Time: 11:00
Depth to water: 46.50 ft (14.17 m) below TOC pH: 6.5
Water elevation: 276.30 ft (84.22 m) msl
Sp. conductance: 62 µS/cm Water temperature: 24.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 8.9 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Mercury | 0.73 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 460 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,370 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 4.6E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 9.1E-05 ± 1.5E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 Time: 11:30
Depth to water: 47.00 ft (14.33 m) below TOC pH: 6.2
Water elevation: 275.90 ft (84.10 m) msl
Sp. conductance: 79 µS/cm Water temperature: 28.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 289 | | µg/L | GE |
| 2 | Cadmium | 336 | | µg/L | GE |
| 0 | Chromium | 12 | | µg/L | GE |
| 2 | Lead | 24 | | µg/L | GE |
| 2 | Lead | 24 | | µg/L | GE |
| 1 | Mercury | 1.4 | | µg/L | GE |
| 1 | Mercury | 1.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 120 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,060 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.3E-04 ± 1.8E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 Time: 9:30
Depth to water: 48.00 ft (14.63 m) below TOC pH: 6.9
Water elevation: 276.40 ft (84.25 m) msl
Sp. conductance: 0 µS/cm Water temperature: 25.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 17 | | µg/L | GE |
| 2 | Cadmium | 18 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Lead | 96 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 350 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,120 | | µg/L | GE |
| 0 | Sodium | 5,120 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |

WELL HTF 13 collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 4.4E-09 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 8.0E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 7.3E-09 ± 2.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.0E-05 ± 1.0E-08 | | µCi/mL | GE |
| 0 | Uranium-234 | 1.9E-09 ± 8.9E-10 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | 1.4E-09 ± 7.4E-10 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 14:30
Depth to water: 50.00 ft (15.24 m) below TOC pH: 5.3
Water elevation: 273.90 ft (83.49 m) msl
Sp. conductance: 55 µS/cm Water temperature: 29.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 27 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Lead | 191 | | µg/L | GE |
| 0 | Mercury | 0.63 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,080 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,350 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | 1.3E-08 ± 3.9E-09 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 1.1E-08 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 4.4E-05 ± 1.1E-08 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 Time: 10:00
Depth to water: 47.00 ft (14.33 m) below TOC pH: 5.0
Water elevation: 275.50 ft (83.97 m) msl
Sp. conductance: 60 µS/cm Water temperature: 25.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 20 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Lead | 106 | | µg/L | GE |
| 0 | Mercury | 0.85 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,320 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,440 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 2.2E-08 ± 4.1E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 1 | Nonvolatile beta | 2.5E-08 ± 3.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 2.1E-08 ± 6.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.2E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 13:00
Depth to water: 26.00 ft (7.92 m) below TOC pH: 5.4
Water elevation: 274.30 ft (83.61 m) msl
Sp. conductance: 56 µS/cm Water temperature: 24.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Cadmium | 3.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 2 | Lead | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,400 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,650 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |

WELL HTF 16 collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 3.6E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92 Time: 10:30
Depth to water: 25.30 ft (7.71 m) below TOC pH: 5.1
Water elevation: 284.90 ft (80.74 m) msl
Sp. conductance: 47 µS/cm Water temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | 2.3 | | µg/L | GE |
| 0 | Chromium | 7.4 | | µg/L | GE |
| 2 | Lead | 17 | | µg/L | GE |
| 2 | Lead | 17 | | µg/L | GE |
| 2 | Mercury | 2.1 | | µg/L | GE |
| 2 | Mercury | 2.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,650 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,010 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 4.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 5.0E-10 | | µCi/mL | GE |

WELL HTF 17 collected on 08/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Tritium | 4.3E-05 ± 1.1E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | 1.0E-09 ± 2.1E-10 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 14:10
Depth to water: 50.00 ft (15.24 m) below TOC pH: 4.6
Water elevation: 273.70 ft (83.42 m) msl
Sp. conductance: 60 µS/cm Water temperature: 28.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 1 | Lead | 12 | | µg/L | GE |
| 0 | Mercury | 0.83 | | µg/L | GE |
| 0 | Mercury | 0.76 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,050 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 8.9E-09 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 1.0E-08 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Strontium-90 | 6.0E-09 ± 1.2E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.0E-09 ± 9.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.5E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 13:30
Depth to water: 53.80 ft (16.40 m) below TOC pH: 5.3
Water elevation: 271.00 ft (82.60 m) msl
Sp. conductance: 49 µS/cm Water temperature: 30.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | 6.8 | | µg/L | GE |
| 0 | Lead | 7.0 | | µg/L | GE |
| 0 | Mercury | 0.23 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 483 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,430 | | µg/L | GE |

WELL HTF 19 collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.1E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 4.1E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 7.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 13:00
Depth to water: 54.00 ft (16.46 m) below TOC pH: 4.9
Water elevation: 270.90 ft (82.57 m) msl
Sp. conductance: 47 µS/cm Water temperature: 31.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | JQ6 | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 50 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | JQ6 | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |

WELL HTF 20 collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 9.9 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | JQ6 | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | JQ6 | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | JQ6 | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | JQ6 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | JQ6 | µg/L | GE |
| 0 | Endosulfan II | <0.10 | JQ6 | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | JQ6 | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ6 | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | JQ6 | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | JQ6 | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | JQ6 | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 1 | Lead | 12 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL HTF 20 collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Lead | 13 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ6 | µg/L | GE |
| 0 | Mercury | 0.64 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ6 | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | 19 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,550 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | JQ6 | µg/L | GE |
| 0 | Parathion methyl | <0.050 | JQ6 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1221 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1232 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1242 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1248 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1254 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1260 | <0.50 | JQ6 | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | JQ6 | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,020 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ6 | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |

WELL HTF 20 collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 143 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 7.1E-09 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 8.5E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 1.2E-08 ± 2.6E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.5E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | 1.1E-09 ± 1.8E-10 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | 1.1E-09 ± 1.8E-10 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 13:50
Depth to water: 52.00 ft (15.85 m) below TOC pH: 4.6
Water elevation: 272.70 ft (83.12 m) msl
Sp. conductance: 64 µS/cm Water temperature: 29.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Mercury | 1.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,780 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 4.6E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 6.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.9E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92 Time: 13:15
Depth to water: 55.50 ft (16.92 m) below TOC pH: 5.9
Water elevation: 278.00 ft (84.74 m) msl
Sp. conductance: 149 µS/cm Water temperature: 30.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | 6.9 | | µg/L | GE |
| 2 | Mercury | 2.9 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 778 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,880 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 1.4E-08 ± 3.4E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 2.0E-08 ± 2.7E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 9.0E-09 ± 1.6E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92 Time: 12:45
Depth to water: 57.40 ft (17.50 m) below TOC pH: 6.2
Water elevation: 276.60 ft (84.31 m) msl
Sp. conductance: 129 µS/cm Water temperature: 30.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | 5.2 | | µg/L | GE |
| 2 | Mercury | 3.8 | | µg/L | GE |
| 2 | Mercury | 3.7 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,750 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 8.6E-09 ± 2.6E-09 | | µCi/mL | GE |

WELL HTF 23 collected on 08/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 1.0E-08 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 2 | Strontium-90 | 8.8E-09 ± 1.7E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | 1.1E-09 ± 4.9E-10 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 4.8E-09 ± 1.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.4E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92 Time: 13:45
Depth to water: 57.00 ft (17.37 m) below TOC pH: 5.1
Water elevation: 276.90 ft (84.40 m) msl
Sp. conductance: 48 µS/cm Water temperature: 30.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 1 | Lead | 12 | | µg/L | GE |
| 2 | Mercury | 2.5 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,000 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,790 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 5.0E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 5.2E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.6E-09 ± 1.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.1E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92 Time: 14:15
Depth to water: 59.00 ft (17.98 m) below TOC pH: 5.2
Water elevation: 275.30 ft (83.91 m) msl
Sp. conductance: 40 µS/cm Water temperature: 30.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Cadmium | 2.5 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Mercury | 0.88 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 953 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,950 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.6E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 10:00
Depth to water: 59.50 ft (18.14 m) below TOC pH: 5.3
Water elevation: 276.00 ft (84.13 m) msl
Sp. conductance: 52 µS/cm Water temperature: 25.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Mercury | 0.31 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,480 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,270 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 1 | Gross alpha | 1.3E-08 ± 3.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 1 | Nonvolatile beta | 2.8E-08 ± 3.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |

WELL HTF 26 collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 1.3E-08 ± 2.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.3E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 9:30
Depth to water: 55.50 ft (16.92 m) below TOC pH: 4.3
Water elevation: 277.60 ft (84.61 m) msl
Sp. conductance: 121 µS/cm Water temperature: 24.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | 5.4 | | µg/L | GE |
| 0 | Mercury | 0.97 | | µg/L | GE |
| 0 | Mercury | 0.93 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,120 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,620 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 5.7E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 1.2E-08 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.9E-09 ± 9.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 10:20
Depth to water: 55.90 ft (17.04 m) below TOC pH: 5.0
Water elevation: 277.80 ft (84.67 m) msl
Sp. conductance: 38 µS/cm Water temperature: 24.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Mercury | 0.32 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,140 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,160 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.5E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92 Time: 12:20
Depth to water: 56.00 ft (17.07 m) below TOC pH: 5.4
Water elevation: 277.50 ft (84.58 m) msl
Sp. conductance: 58 µS/cm Water temperature: 27.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | 3.2 | | µg/L | GE |
| 1 | Mercury | 1.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,500 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,450 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,620 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |

WELL HTF 29 collected on 08/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.0E-05 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 Time: 11:00
Depth to water: 50.50 ft (15.39 m) below TOC pH: 5.4
Water elevation: 277.20 ft (84.49 m) msl
Sp. conductance: 52 µS/cm Water temperature: 26.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Mercury | 1.8 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,190 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.9E-09 ± 1.4E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 4.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 — Time: 10:40
Depth to water: 53.00 ft (16.15 m) below TOC — pH: 4.9
Water elevation: 276.10 ft (84.16 m) msl
Sp. conductance: 45 µS/cm — Water temperature: 26.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Mercury | 2.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,350 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,430 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Neptunium-237 | <1.0E-08 | | µCi/mL | TE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL HTF 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 — Time: 0
Inaccessibility or mechanical problem prevented sample collection.

## WELL HWS 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 — Time: 10:20
Depth to water: 76.45 ft (23.91 m) below TOC — pH: 4.5
Water elevation: 246.15 ft (75.03 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 6.7 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |

## WELL HWS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 — Time: 10:45
Depth to water: 76.63 ft (23.36 m) below TOC — pH: 4.4
Water elevation: 246.57 ft (75.16 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 82 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |

## WELL HXB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92 — Time: 9:40
Depth to water: 52.25 ft (15.93 m) below TOC — pH: 4.6
Water elevation: 253.95 ft (77.40 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 104 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | 2.6 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.7E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL HXB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/92 — Time: 10:25
Depth to water: 49.05 ft (14.95 m) below TOC — pH: 4.8
Water elevation: 255.35 ft (77.83 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 113 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL HXB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92 — Time: 10:05
Depth to water: 49.44 ft (15.07 m) below TOC — pH: 4.9
Water elevation: 254.76 ft (77.65 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 112 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.8E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL HXB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92 — Time: 10:15
Depth to water: 52.10 ft (15.88 m) below TOC — pH: 6.4
Water elevation: 254.90 ft (77.69 m) msl — Alkalinity: 22 mg/L
Sp. conductance: 92 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Total organic halogens | 10 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.3E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL HXB 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92 — Time: 9:15
Depth to water: 54.53 ft (16.62 m) below TOC — pH: 5.5
Water elevation: 254.27 ft (77.50 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 49 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Manganese | 31 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total activity | 1.9E-04 ± 3.4E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-04 ± 2.0E-06 | | µCi/mL | GE |

## WELL IDB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 13:05
Depth to water: 107.04 ft (32.63 m) below TOC — pH: 11.6
Water elevation: 189.78 ft (57.84 m) msl — Alkalinity: 201 mg/L
Sp. conductance: 706 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 28 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 13:20
Depth to water: 112.33 ft (34.24 m) below TOC — pH: 9.0
Water elevation: 184.97 ft (56.38 m) msl — Alkalinity: 49 mg/L
Sp. conductance: 131 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 14 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 8:40
Depth to water: 54.50 ft (16.61 m) below TOC — pH: 5.0
Water elevation: 242.70 ft (73.98 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 122 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 11:05
Depth to water: 115.31 ft (35.15 m) below TOC — pH: 5.6
Water elevation: 188.99 ft (57.60 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 62 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 569 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 2 | Iron | 1,010 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 14:35
Depth to water: 128.65 ft (39.21 m) below TOC — pH: 11.8
Water elevation: 177.05 ft (53.97 m) msl — Alkalinity: 277 mg/L
Sp. conductance: 1118 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 50 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | 4.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 9:55
Depth to water: 66.86 ft (20.38 m) below TOC — pH: 10.5
Water elevation: 239.54 ft (73.01 m) msl — Alkalinity: 67 mg/L
Sp. conductance: 180 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 82 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 13:50
Depth to water: 84.75 ft (25.83 m) below TOC — pH: 11.5
Water elevation: 240.15 ft (73.20 m) msl — Alkalinity: 177 mg/L
Sp. conductance: 678 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 2 | Lead | 17 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |

WELL IDB 3 collected on 07/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 14:20
Depth to water: Not available — pH: 5.6
Water elevation: Not available — Alkalinity: 6 mg/L
Sp. conductance: 42 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 9.7 | J2 | µg/L | GE |
| 0 | Lead | 3.1 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 14:05
Depth to water: 71.79 ft (21.88 m) below TOC — pH: 6.4
Water elevation: 250.11 ft (76.23 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 73 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 18 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 11:50
Depth to water: 57.40 ft (17.50 m) below TOC — pH: 4.8
Water elevation: 261.60 ft (79.74 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 5.9 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 12:15
Depth to water: 52.10 ft (15.88 m) below TOC — pH: 4.2
Water elevation: 261.30 ft (79.65 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 4.3 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 13:35
Depth to water: 52.84 ft (16.11 m) below TOC — pH: 4.7
Water elevation: 240.26 ft (73.23 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 15 | J2 | µg/L | GE |
| 0 | Lead | 4.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 14:50
Depth to water: 45.64 ft (13.91 m) below TOC — pH: 8.8
Water elevation: 242.66 ft (73.96 m) msl — Alkalinity: 60 mg/L
Sp. conductance: 146 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 34 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 12 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 12:50
Depth to water: 39.42 ft (12.02 m) below TOC — pH: 5.4
Water elevation: 256.38 ft (78.15 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 108 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 4.2 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |

WELL IDB 10 collected on 07/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

## WELL IDP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: 76.78 ft (23.40 m) below TOC
Water elevation: 204.22 ft (62.25 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 66 gal
Time: 16:50
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Tritium | 2.8E-08 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 2.8E-08 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: 58.94 ft (17.97 m) below TOC
Water elevation: 198.95 ft (60.64 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 62 gal
Time: 15:45
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Tritium | 2.9E-08 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92
Depth to water: 116.27 ft (35.44 m) below TOC
Water elevation: 167.73 ft (51.12 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 668 gal
Time: 13:40
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Iron | 954 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL IDP 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92
Depth to water: 126.87 ft (38.67 m) below TOC
Water elevation: 157.63 ft (48.05 m) msl
Sp. conductance: 161 µS/cm
Water evacuated before sampling: 163 gal
Time: 13:50
pH: 10.7
Alkalinity: 67 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL IDP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92
Depth to water: 82.27 ft (25.08 m) below TOC
Water elevation: 202.73 ft (61.79 m) msl
Sp. conductance: 147 µS/cm
Water evacuated before sampling: 19 gal
The well went dry during purging.
Time: 14:00
pH: 8.5
Alkalinity: 58 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL IDP 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
The well was dry.
Time: 15:30

## WELL IDP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: 47.58 ft (14.50 m) below TOC
Water elevation: 193.22 ft (58.89 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.
Time: 8:25
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 4.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.6E-08 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDP 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92
Depth to water: 54.14 ft (16.50 m) below TOC
Water elevation: 199.56 ft (60.83 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 35 gal
Time: 14:30
pH: 5.4
Alkalinity: 5 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 6.1 | | µg/L | GE |
| 0 | Iron | 9.1 | | µg/L | GE |
| 0 | Lead | 6.4 | | µg/L | GE |
| 0 | Tritium | 3.4E-08 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDP 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: 58.99 ft (17.98 m) below TOC
Water elevation: 202.51 ft (61.73 m) msl
Sp. conductance: 59 µS/cm
Water evacuated before sampling: 47 gal
Time: 16:35
pH: 5.5
Alkalinity: 4 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 8.8 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Tritium | 2.2E-08 ± 3.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL IDP 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92 — Time: 16:05
Depth to water: 46.18 ft (14.08 m) below TOC — pH: 6.6
Water elevation: 202.32 ft (61.67 m) msl — Alkalinity: 32 mg/L
Sp. conductance: 88 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 8.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Tritium | 2.6E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92 — Time: 14:10
Depth to water: 63.10 ft (19.23 m) below TOC — pH: 5.8
Water elevation: 201.29 ft (61.35 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 46 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | 3.8 | | µg/L | GE |
| 0 | Tritium | 3.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDP 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92 — Time: 17:05
Depth to water: 67.18 ft (20.48 m) below TOC — pH: 5.7
Water elevation: 204.71 ft (62.40 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 37 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Tritium | 2.6E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDP 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92 — Time: 14:45
The well was dry.

## WELL IDQ 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92 — Time: 18:10
The well was dry.

## WELL IDQ 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 — Time: 9:35
Depth to water: 90.06 ft (27.45 m) below TOC — pH: 4.6
Water elevation: 173.14 ft (52.77 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 34 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 46 | | µg/L | GE |
| 0 | Manganese | 7.8 | | µg/L | GE |
| 0 | Tritium | 3.3E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDQ 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 — Time: 9:20
Depth to water: 38.65 ft (11.78 m) below TOC — pH: 5.2
Water elevation: 166.65 ft (50.80 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 91 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 935 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Iron | 1,430 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL IDQ 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 — Time: 8:30
Depth to water: 64.45 ft (19.64 m) below TOC — pH: 12.3
Water elevation: 141.15 ft (43.02 m) msl — Alkalinity: 542 mg/L
Sp. conductance: 2030 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <8.0 | | µg/L | GE |
| 0 | Manganese | <4.0 | | µg/L | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL IDQ 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 — Time: 8:20
Depth to water: 40.36 ft (12.30 m) below TOC — pH: 5.1
Water elevation: 166.14 ft (50.64 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 92 | | µg/L | GE |
| 0 | Manganese | 7.4 | | µg/L | GE |
| 0 | Tritium | 2.3E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 2.1E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDQ 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 — Time: 9:45
Depth to water: 66.13 ft (20.16 m) below TOC — pH: 7.6
Water elevation: 199.37 ft (60.77 m) msl — Alkalinity: 35 mg/L
Sp. conductance: 75 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Manganese | 9.9 | | µg/L | GE |
| 0 | Tritium | 2.9E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDQ 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 — Time: 9:55
Depth to water: 71.04 ft (21.65 m) below TOC — pH: 6.1
Water elevation: 196.16 ft (59.79 m) msl — Alkalinity: 31 mg/L
Sp. conductance: 67 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 2 | Manganese | 54 | | µg/L | GE |
| 0 | Tritium | 3.3E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDQ 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 Time: 10:10
Depth to water: 63.31 ft (19.30 m) below TOC pH: 10.6
Water elevation: 194.79 ft (59.37 m) msl Alkalinity: 55 mg/L
Sp. conductance: 124 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 5.2 | | µg/L | GE |
| 0 | Iron | 5.4 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Tritium | 2.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDQ 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 Time: 11:00
Depth to water: 53.26 ft (16.24 m) below TOC pH: 6.9
Water elevation: 187.32 ft (57.10 m) msl Alkalinity: 74 mg/L
Sp. conductance: 164 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 5.5 | | µg/L | GE |
| 0 | Manganese | 3.1 | | µg/L | GE |
| 0 | Tritium | 2.7E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDQ 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 Time: 15:10
Depth to water: 53.73 ft (16.38 m) below TOC pH: 4.8
Water elevation: 186.87 ft (57.57 m) msl Alkalinity: 2 mg/L
Sp. conductance: 26 µS/cm Water temperature: 22.4°C
Water evacuated before sampling: 22 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 7.7 | | µg/L | GE |
| 0 | Lead | 6.6 | | µg/L | GE |
| 0 | Manganese | 9.5 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Tritium | 3.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDQ 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 Time: 7:40
Depth to water: 54.07 ft (16.48 m) below TOC pH: 5.8
Water elevation: 182.03 ft (55.48 m) msl Alkalinity: 1 mg/L
Sp. conductance: 26 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 6.6 | | µg/L | GE |
| 2 | Lead | 26 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Tritium | 3.1E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDQ 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 Time: 7:55
Depth to water: 63.25 ft (19.28 m) below TOC pH: 6.8
Water elevation: 173.25 ft (52.81 m) msl Alkalinity: 50 mg/L
Sp. conductance: 106 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Manganese | 4.1 | | µg/L | GE |
| 0 | Tritium | 3.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL IDQ 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 Time: 15:35
Inaccessibility or mechanical problem prevented sample collection.

## WELL IDQ 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 Time: 10:45
Depth to water: 54.94 ft (16.75 m) below TOC pH: 5.1
Water elevation: 187.26 ft (57.08 m) msl Alkalinity: 2 mg/L
Sp. conductance: 37 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 10 | | µg/L | GE |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 0 | Tritium | 2.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92 Time: 11:55
Depth to water: 57.31 ft (17.47 m) below TOC pH: 5.7
Water elevation: 205.99 ft (62.79 m) msl Alkalinity: 12 mg/L
Sp. conductance: 58 µS/cm Water temperature: 23.6°C
Water evacuated before sampling: 7 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | 8.7E-10 ± 1.2E-09 | | µCi/mL | EM |
| 0 | Nonvolatile beta | 7.3E-10 ± 7.0E-10 | | µCi/mL | EM |
| 2 | Tritium | 3.0E-05 ± 8.0E-07 | | µCi/mL | GE |
| 2 | Tritium | 3.1E-05 ± 1.4E-06 | | µCi/mL | EM |

## WELL KAB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92 Time: 12:15
Depth to water: 61.34 ft (18.70 m) below TOC pH: 5.7
Water elevation: 204.66 ft (62.38 m) msl Alkalinity: 15 mg/L
Sp. conductance: 284 µS/cm Water temperature: 22.2°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Iron | 3,350 | | µg/L | GE |
| 2 | Manganese | 471 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 2 | Total alpha-emitting radium | 8.4E-09 ± 1.6E-09 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL KAB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92 — Time: 12:30
Depth to water: 53.94 ft (16.44 m) below TOC — pH: 5.7
Water elevation: 206.76 ft (63.02 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 89 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 116 | | µg/L | GE |
| 2 | Manganese | 4,660 | | µg/L | GE |
| 2 | Manganese | 5,620 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 1 | Total alpha-emitting radium | 2.7E-09 ± 6.0E-10 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.6E-09 ± 8.0E-10 | | µCi/mL | GE |

## WELL KAB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92 — Time: 16:00
Depth to water: 47.47 ft (14.47 m) below TOC — pH: 5.1
Water elevation: 202.63 ft (61.76 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 148 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 25 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Iron | 234 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 1 | Total alpha-emitting radium | 4.0E-09 ± 1.2E-09 | | µCi/mL | GE |

## WELL KAB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92 — Time: 15:30
Depth to water: 52.85 ft (16.11 m) below TOC — pH: 6.9
Water elevation: 201.55 ft (61.43 m) msl — Alkalinity: 187 mg/L
Sp. conductance: 697 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Manganese | 2.4 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 2 | Total alpha-emitting radium | 6.9E-09 ± 1.5E-09 | | µCi/mL | GE |

## WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/92 — Time: 16:00
Depth to water: 47.41 ft (14.45 m) below TOC — pH: 5.7
Water elevation: 218.59 ft (66.63 m) msl — Alkalinity: 26 mg/L
Sp. conductance: 301 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | WA |
| 0 | pH | 6.8 | JQ | pH | WA |
| 1 | Specific conductance | 312 | JQ | µS/cm | WA |
| 1 | Specific conductance | 312 | JQ | µS/cm | WA |
| 0 | Turbidity | 3.5 | JQ | NTU | WA |
| 0 | Turbidity | 3.5 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 256 | | µg/L | WA |
| 0 | Chloride | 8,110 | | µg/L | WA |
| 0 | Chloride | 8,070 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 59 | | µg/L | WA |
| 0 | Lead | 2.3 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 167 | | µg/L | WA |
| 0 | Manganese | 3.7 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |

WELL KAC 1 collected on 06/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 651 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | 3.5 | J3 | µg/L | WA |
| 0 | Silica | 4,780 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 55,200 | | µg/L | WA |
| 0 | Sulfate | 94,400 | | µg/L | WA |
| 0 | Total dissolved solids | 183,000 | | µg/L | WA |
| 0 | Total organic carbon | 800 | | µg/L | WA |
| 0 | Total organic halogens | 20 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 46 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 7.1E-09 ± 6.9E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.3E-09 ± 2.6E-10 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 9.2E-07 ± 3.2E-07 | | µCi/mL | CN |

## WELL KAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/92 — Time: 16:25
Depth to water: 36.60 ft (11.16 m) below TOC — pH: 6.1
Water elevation: 220.90 ft (67.33 m) msl — Alkalinity: 61 mg/L
Sp. conductance: 349 µS/cm — Water temperature: 22.9°C
Water evacuated before sampling: 67 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | WA |
| 1 | Specific conductance | 348 | JQ | µS/cm | WA |
| 0 | Turbidity | 115 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 600 | | µg/L | WA |
| 0 | Chloride | 5,290 | | µg/L | WA |
| 0 | Chromium | 1.6 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 333 | | µg/L | WA |
| 0 | Lead | 4.1 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 345 | | µg/L | WA |
| 0 | Manganese | 5.4 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 459 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | 4.6 | J3 | µg/L | WA |
| 0 | Silica | 6,850 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 73,800 | | µg/L | WA |
| 0 | Sulfate | 91,400 | | µg/L | WA |
| 0 | Total dissolved solids | 200,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,300 | | µg/L | WA |
| 0 | Total organic halogens | 9.5 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 180 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 4.4E-08 ± 4.4E-07 | | µCi/mL | CN |

## WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/01/92 — Time: 16:50
Depth to water: 36.65 ft (11.17 m) below TOC — pH: 6.3
Water elevation: 221.15 ft (67.41 m) msl — Alkalinity: 76 mg/L
Sp. conductance: 429 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 67 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | WA |
| 1 | Specific conductance | 357 | JQ | µS/cm | WA |
| 0 | Turbidity | 0.41 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.8 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |

WELL KAC 3 collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 4,270 | | µg/L | WA |
| 0 | Chloride | 5,980 | | µg/L | WA |
| 0 | Chromium | 1.3 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 16 | | µg/L | WA |
| 0 | Lead | 4.0 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 1,140 | | µg/L | WA |
| 0 | Manganese | 0.85 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 437 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 862 | | µg/L | WA |
| 0 | Selenium | 2.5 | J3 | µg/L | WA |
| 0 | Silica | 6,890 | | µg/L | WA |
| 0 | Silver | 1.0 | J3 | µg/L | WA |
| 0 | Sodium | 91,400 | | µg/L | WA |
| 0 | Sulfate | 112,000 | | µg/L | WA |
| 0 | Total dissolved solids | 252,000 | | µg/L | WA |
| 0 | Total organic carbon | 800 | | µg/L | WA |
| 0 | Total organic halogens | 16 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 42 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.6E-06 ± 4.2E-07 | | µCi/mL | CN |

## WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92 Time: 16:00
Depth to water: 42.40 ft (12.92 m) below TOC pH: 4.9
Water elevation: 217.60 ft (66.33 m) msl Alkalinity: 1 mg/L
Sp. conductance: 71 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 104 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 8.0 | JQ | pH | WA |
| 0 | Specific conductance | 64 | JQ | µS/cm | WA |
| 0 | Turbidity | 2.9 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.1 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 343 | | µg/L | WA |
| 0 | Chloride | 7,230 | | µg/L | WA |
| 0 | Chromium | 1.3 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 13 | | µg/L | WA |
| 0 | Lead | 4.3 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 418 | | µg/L | WA |
| 0 | Manganese | 3.2 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 205 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,040 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 10,800 | | µg/L | WA |
| 0 | Sulfate | 9,690 | | µg/L | WA |
| 0 | Total dissolved solids | 23,000 | | µg/L | WA |
| 0 | Total organic carbon | 900 | | µg/L | WA |
| 0 | Total organic halogens | 15 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 48 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.4E-06 ± 3.4E-07 | | µCi/mL | CN |

## WELL KAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92 Time: 17:25
Depth to water: 38.05 ft (11.60 m) below TOC pH: 5.1
Water elevation: 220.95 ft (67.35 m) msl Alkalinity: 3 mg/L
Sp. conductance: 73 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | WA |
| 0 | Specific conductance | 61 | JQ | µS/cm | WA |
| 0 | Turbidity | 0.20 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 398 | | µg/L | WA |
| 0 | Chloride | 6,430 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 68 | | µg/L | WA |
| 0 | Lead | 3.4 | J3 | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 225 | | µg/L | WA |
| 0 | Manganese | 4.9 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 136 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 313 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,250 | | µg/L | WA |
| 0 | Silver | 2.1 | J3 | µg/L | WA |
| 0 | Sodium | 10,700 | | µg/L | WA |
| 0 | Sulfate | 6,680 | | µg/L | WA |
| 0 | Total dissolved solids | 22,000 | | µg/L | WA |
| 0 | Total organic carbon | 700 | | µg/L | WA |
| 0 | Total organic halogens | 11 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 39 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 7.5E-07 ± 3.2E-07 | | µCi/mL | CN |

## WELL KAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/92 Time: 8:30
Depth to water: 38.09 ft (11.61 m) below TOC pH: 5.2
Water elevation: 220.91 ft (67.33 m) msl Alkalinity: 2 mg/L
Sp. conductance: 87 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | Specific conductance | 82 | JQ | µS/cm | WA |
| 0 | Turbidity | 25 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.3 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 318 | | µg/L | WA |
| 0 | Chloride | 6,570 | | µg/L | WA |
| 0 | Chromium | 1.3 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 103 | | µg/L | WA |
| 0 | Lead | 5.3 | J3 | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 269 | | µg/L | WA |
| 0 | Manganese | 6.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 131 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 336 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,660 | | µg/L | WA |
| 0 | Silver | 1.8 | J3 | µg/L | WA |
| 0 | Sodium | 14,200 | | µg/L | WA |
| 0 | Sulfate | 19,500 | | µg/L | WA |
| 0 | Total dissolved solids | 40,000 | | µg/L | WA |
| 0 | Total dissolved solids | 45,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 16 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 67 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL KAC 6 collected on 08/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 7.2E-07 ± 3.2E-07 | | µCi/mL | CN |

## WELL KAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/92 — Time: 8:05
Depth to water: 46.26 ft (14.10 m) below TOC — pH: 5.8
Water elevation: 215.84 ft (66.70 m) msl — Alkalinity: 26 mg/L
Sp. conductance: 205 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | WA |
| 1 | Specific conductance | 397 | JQ | µS/cm | WA |
| 0 | Turbidity | 30 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.2 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,650 | | µg/L | WA |
| 0 | Chloride | 8,590 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 63 | | µg/L | WA |
| 0 | Lead | 3.5 | J3 | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 85 | | µg/L | WA |
| 0 | Manganese | 3.7 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 887 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 4,790 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 34,700 | | µg/L | WA |
| 0 | Sulfate | 125,000 | | µg/L | WA |
| 0 | Total dissolved solids | 214,000 | | µg/L | WA |
| 0 | Total organic carbon | 700 | | µg/L | WA |
| 0 | Total organic halogens | 17 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 67 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 4.6E-06 ± 4.5E-07 | | µCi/mL | CN |

## WELL KAC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/92 — Time: 9:15
Depth to water: 43.47 ft (13.25 m) below TOC — pH: 5.5
Water elevation: 223.63 ft (68.16 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 298 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 71 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | pH | 6.2 | JQ | pH | WA |
| 1 | Specific conductance | 300 | | µS/cm | GE |
| 1 | Specific conductance | 290 | JQ | µS/cm | WA |
| 1 | Specific conductance | 290 | JQ | µS/cm | WA |
| 0 | Turbidity | 1.7 | | NTU | GE |
| 0 | Turbidity | 0.76 | JQ | NTU | WA |
| 0 | Turbidity | 0.76 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Barium | 24 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |

WELL KAC 6 collected on 08/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,690 | | µg/L | GE |
| 0 | Calcium | 1,750 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 8,800 | | µg/L | GE |
| 0 | Chloride | 8,740 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | 2.3 | | µg/L | GE |
| 0 | Chloroform | 2.2 | J | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.7 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | Dichloromethane | 5.0 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.23 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 117 | | µg/L | GE |
| 0 | Iron | 125 | | µg/L | GE |
| 0 | Iron | 132 | | µg/L | WA |
| 0 | Iron | 132 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 5.4 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |
| 0 | Magnesium | 743 | | µg/L | GE |
| 0 | Magnesium | 783 | | µg/L | WA |
| 1 | Manganese | 35 | | µg/L | GE |
| 1 | Manganese | 36 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 525 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 270 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 270 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 947 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,740 | | µg/L | GE |
| 0 | Silica | 6,860 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 1.7 | J3 | µg/L | WA |
| 0 | Sodium | 52,400 | | µg/L | GE |
| 0 | Sodium | 49,300 | | µg/L | WA |
| 0 | Sulfate | 103,000 | | µg/L | GE |
| 0 | Sulfate | 100,000 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 168,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 160,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 896 | | µg/L | WA |
| 0 | Total organic halogens | 5.2 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 2,000 | | µg/L | GE |

WELL KAC 8 collected on 08/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total phosphates (as P) | 34 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.2E-09 ± 1.6E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.9E-09 ± 8.8E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | TE |
| 0 | Total activity | 2.5E-08 ± 1.2E-08 | | µCi/mL | EM |
| 0 | Tritium | 1.7E-08 ± 5.0E-07 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL KAC 8 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/92
Depth to water: 43.47 ft (13.25 m) below TOC
Water elevation: 223.63 ft (68.16 m) msl
Sp. conductance: 298 µS/cm
Water evacuated before sampling: 71 gal

Time: 9:15
pH: 5.5
Alkalinity: 9 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 1 | pH | 8.4 | JQ | pH | WA |
| 1 | Specific conductance | 270 | | µS/cm | GE |
| 1 | Specific conductance | 260 | | µS/cm | GE |
| 1 | Specific conductance | 290 | JQ | µS/cm | WA |
| 0 | Turbidity | 2.6 | | NTU | GE |
| 0 | Turbidity | 1.5 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Barium | 17 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,810 | | µg/L | GE |
| 0 | Calcium | 2,030 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 8,600 | | µg/L | GE |
| 0 | Chloride | 8,910 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | 2.3 | | µg/L | GE |
| 0 | Chloroform | 2.2 | J | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.9 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |

WELL KAC 8 collected on 08/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 124 | | µg/L | GE |
| 0 | Iron | 124 | | µg/L | GE |
| 0 | Iron | 129 | | µg/L | WA |
| 0 | Iron | 133 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 773 | | µg/L | GE |
| 0 | Magnesium | 738 | | µg/L | WA |
| 1 | Manganese | 37 | | µg/L | GE |
| 1 | Manganese | 36 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 391 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 270 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 583 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,040 | | µg/L | GE |
| 0 | Silica | 6,500 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 54,300 | | µg/L | GE |
| 0 | Sodium | 53,100 | | µg/L | WA |
| 0 | Sulfate | 85,500 | | µg/L | GE |
| 0 | Sulfate | 109,000 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 176,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 182,000 | | µg/L | WA |
| 0 | Total dissolved solids | 176,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 605 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 64 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | 3.5E-09 ± 2.1E-09 | | µCi/mL | GP |
| 0 | Gross alpha | 2.1E-09 ± 2.2E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.3E-09 ± 1.6E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.7E-09 ± 2.7E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.1E-09 ± 1.0E-09 | | µCi/mL | TE |
| 0 | Total activity | 2.4E-08 ± 1.2E-08 | | µCi/mL | EM |
| 0 | Tritium | 1.6E-08 ± 5.0E-07 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

# ANALYTICAL RESULTS

## WELL KAC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/92 Time: 10:30
Depth to water: 48.47 ft (14.77 m) below TOC pH: 10.4
Water elevation: 213.73 ft (65.15 m) msl Alkalinity: 126 mg/L
Sp. conductance: 930 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.9 | JQ | pH | WA |
| 2 | Specific conductance | 903 | JQ | µS/cm | WA |
| 0 | Turbidity | 0.3 | JQ | NTU | WA |
| 0 | Arsenic | 5.4 | J3 | µg/L | WA |
| 0 | Barium | 17 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 23,900 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 22,600 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | 2.6 | J | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 13 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | JQ | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | 229 | | µg/L | WA |
| 0 | Fluoride | 228 | | µg/L | WA |
| 0 | Iron | 19 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 907 | | µg/L | WA |
| 0 | Manganese | 3.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,030 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,910 | | µg/L | WA |
| 0 | Selenium | 2.2 | J3 | µg/L | WA |
| 0 | Silica | 10,600 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 158,000 | | µg/L | WA |
| 1 | Sulfate | 319,000 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | 2.6 | J | µg/L | WA |
| 0 | Total dissolved solids | 610,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,240 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 94 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Total activity | 5.7E-08 ± 1.3E-08 | | µCi/mL | EM |
| 0 | Tritium | 2.1E-08 ± 3.7E-07 | | µCi/mL | CN |

## WELL KCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92 Time: 14:20
Depth to water: 58.27 ft (17.15 m) below TOC pH: 5.2
Water elevation: 204.12 ft (62.22 m) msl Alkalinity: 3 mg/L
Sp. conductance: 97 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | 108 | | µg/L | GE |
| 0 | Lead | 7.2 | | µg/L | GE |
| 0 | Manganese | 9.6 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 8.7E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL KCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92 Time: 15:00
Depth to water: 50.08 ft (15.26 m) below TOC pH: 4.5
Water elevation: 204.32 ft (62.28 m) msl Alkalinity: 0 mg/L
Sp. conductance: 62 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 1 | Iron | 211 | | µg/L | GE |
| 0 | Lead | 7.4 | | µg/L | GE |
| 0 | Manganese | 7.5 | | µg/L | GE |
| 0 | Sulfate | 5,880 | | µg/L | GE |
| 0 | Sulfate | 5,760 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 4.9E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL KCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92 Time: 14:45
Depth to water: 45.43 ft (13.85 m) below TOC pH: 3.7
Water elevation: 202.47 ft (61.71 m) msl Alkalinity: 0 mg/L
Sp. conductance: 628 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | 94 | | µg/L | GE |
| 0 | Lead | 4.4 | | µg/L | GE |
| 2 | Manganese | 1,210 | | µg/L | GE |
| 2 | Sulfate | 448,000 | | µg/L | GE |
| 1 | Gross alpha | 1.1E-08 ± 2.7E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.1E-08 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 6.9E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL KCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92 Time: 14:30
Inaccessibility or mechanical problem prevented sample collection.

## WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 12:00
Depth to water: 64.16 ft (19.56 m) below TOC pH: 4.9
Water elevation: 208.94 ft (63.69 m) msl Alkalinity: 0 mg/L
Sp. conductance: 112 µS/cm Water temperature: 24.9°C
Water evacuated before sampling: 19 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 2 | Lead | 90 | | µg/L | GE |

WELL KDB 1 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Manganese | 716 | | µg/L | GE |
| 2 | Manganese | 721 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 1 | Gross alpha | 1.3E-08 ± 3.1E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.8E-03 ± 3.3E-05 | | µCi/mL | EM |
| 2 | Total alpha-emitting radium | 6.6E-09 ± 1.6E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.9E-03 ± 6.4E-06 | | µCi/mL | GE |

## WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 10:55
Depth to water: 85.74 ft (20.04 m) below TOC pH: 4.8
Water elevation: 207.76 ft (63.33 m) msl Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm Water temperature: 25.3°C
Water evacuated before sampling: 67 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 2 | Lead | 25 | | µg/L | GE |
| 2 | Manganese | 69 | | µg/L | GE |
| 0 | Total organic halogens | 5.1 | | µg/L | GE |
| 0 | Gross alpha | 3.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.2E-03 ± 2.9E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-03 ± 5.2E-06 | | µCi/mL | GE |

## WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 12:15
Depth to water: 64.91 ft (19.78 m) below TOC pH: 6.1
Water elevation: 208.48 ft (63.55 m) msl Alkalinity: 50 mg/L
Sp. conductance: 146 µS/cm Water temperature: 24.5°C
Water evacuated before sampling: 20 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 2 | Lead | 23 | | µg/L | GE |
| 1 | Manganese | 42 | | µg/L | GE |
| 2 | Total organic halogens | 91 | | µg/L | GE |
| 0 | Gross alpha | 2.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 8.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 8.9E-05 ± 1.5E-06 | | µCi/mL | GE |

## WELL KDT 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 11:40
Depth to water: 64.50 ft (19.66 m) below TOC pH: 5.0
Water elevation: 208.50 ft (63.55 m) msl Alkalinity: 0 mg/L
Sp. conductance: 59 µS/cm Water temperature: 23.9°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 58 | | µS/cm | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | 4.0 | | µg/L | GE |
| 0 | Lead | 4.2 | | µg/L | GE |
| 2 | Manganese | 96 | | µg/L | GE |

WELL KDT 1D collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Oil & grease | 1,100 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 2.2 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 2.3E-04 ± 3.7E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.8E-04 ± 2.0E-06 | | µCi/mL | GE |

## WELL KRB 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 10:45
Depth to water: 58.27 ft (18.07 m) below TOC pH: 5.1
Water elevation: 209.12 ft (63.74 m) msl Alkalinity: 2 mg/L
Sp. conductance: 50 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,240 | J2 | µg/L | GE |
| 0 | Chloride | 5,720 | | µg/L | GE |
| 0 | Chloride | 5,730 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 7.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 412 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,440 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,080 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,510 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,760 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 68,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 2.2E-02 ± 2.5E-04 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 8.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-02 ± 2.2E-05 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-02 ± 2.2E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL KRB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92
Depth to water: 78.47 ft (23.92 m) below TOC
Water elevation: 205.73 ft (62.71 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 50 gal

Time: 10:05
pH: 5.9
Alkalinity: 21 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 85 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 9,210 | J2 | µg/L | GE |
| 0 | Chloride | 6,720 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 28 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 682 | | µg/L | GE |
| 0 | Manganese | 8.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,140 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,810 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,550 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 56,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 4.1E-03 ± 4.8E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 4.1E-03 ± 9.4E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL KRB 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92
Depth to water: 78.32 ft (23.87 m) below TOC
Water elevation: 204.26 ft (62.27 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.

Time: 14:50
pH: 5.5
Alkalinity: 24 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 888 | | µg/L | GE |
| 0 | Chloride | 2,540 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 12 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 462 | | µg/L | GE |
| 0 | Manganese | 21 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 840 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,000 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,650 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 8,690 | | µg/L | GE |
| 0 | Sulfate | 1,920 | | µg/L | GE |
| 0 | Total dissolved solids | 102,000 | | µg/L | GE |

WELL KRB 18D collected on 09/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | 1,610 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 60 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 7.6E-04 ± 2.4E-05 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 1.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.8E-04 ± 4.2E-08 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL KRB 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92
Depth to water: 78.28 ft (23.86 m) below TOC
Water elevation: 203.42 ft (62.00 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 14:30
pH: 5.3
Alkalinity: 5 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.6 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,130 | J2 | µg/L | GE |
| 0 | Chloride | 6,880 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 316 | | µg/L | GE |
| 2 | Lead | 17 | | µg/L | GE |
| 0 | Magnesium | 282 | | µg/L | GE |
| 1 | Manganese | 35 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 770 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,920 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,750 | | µg/L | GE |
| 0 | Sulfate | 1,160 | | µg/L | GE |
| 0 | Total dissolved solids | 29,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.0E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total activity | 9.7E-02 ± 5.1E-04 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 9.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 9.0E-02 ± 4.4E-05 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL KRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92 Time: 7:45
Depth to water: 44.23 ft (13.48 m) below TOC pH: 4.3
Water elevation: 219.66 ft (66.95 m) msl Alkalinity: 0 mg/L
Sp. conductance: 39 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 131 | J2 | µg/L | GE |
| 1 | Lead | 13 | | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |

## WELL KRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92 Time: 8:05
Depth to water: 36.10 ft (11.00 m) below TOC pH: 5.0
Water elevation: 220.00 ft (67.06 m) msl Alkalinity: 1 mg/L
Sp. conductance: 32 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 11 | J2 | µg/L | GE |
| 0 | Iron | 11 | J2 | µg/L | GE |
| 2 | Lead | 28 | | µg/L | GE |
| 0 | Manganese | 5.2 | | µg/L | GE |
| 0 | Manganese | 5.2 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |

## WELL KRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92 Time: 8:25
Depth to water: 33.53 ft (10.22 m) below TOC pH: 4.7
Water elevation: 220.97 ft (67.35 m) msl Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 113 | J2 | µg/L | GE |
| 2 | Lead | 15 | | µg/L | GE |
| 1 | Lead | 15 | | µg/L | GE |
| 2 | Manganese | 52 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |

## WELL KRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92 Time: 8:45
Depth to water: 36.47 ft (11.12 m) below TOC pH: 4.7
Water elevation: 219.13 ft (66.79 m) msl Alkalinity: 0 mg/L
Sp. conductance: 83 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 5.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Manganese | 131 | | µg/L | GE |
| 1 | Total organic halogens | 47 | | µg/L | GE |

## WELL KSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92 Time: 13:20
Depth to water: 62.44 ft (19.03 m) below TOC pH: 4.9
Water elevation: 204.95 ft (62.47 m) msl Alkalinity: 1 mg/L
Sp. conductance: 38 µS/cm Water temperature: 23.6°C
Water evacuated before sampling: 77 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Total organic halogens | 6.5 | | µg/L | GE |
| 0 | Gross alpha | 1.4E-09 ± 1.1E-09 | | µCi/mL | EM |
| 0 | Nonvolatile beta | 2.1E-09 ± 8.4E-10 | | µCi/mL | EM |
| 2 | Tritium | 2.8E-03 ± 7.7E-06 | | µCi/mL | GE |
| 2 | Tritium | 2.6E-03 ± 1.2E-05 | | µCi/mL | EM |

## WELL KSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92 Time: 13:45
Depth to water: 60.86 ft (18.55 m) below TOC pH: 4.4
Water elevation: 204.94 ft (62.47 m) msl Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 82 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | 6.4E-10 ± 6.9E-10 | | µCi/mL | EM |
| 0 | Nonvolatile beta | 1.3E-09 ± 7.2E-10 | | µCi/mL | EM |
| 2 | Tritium | 6.8E-05 ± 1.2E-06 | | µCi/mL | GE |
| 2 | Tritium | 6.6E-05 ± 1.9E-06 | | µCi/mL | EM |

## WELL KSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92 Time: 14:10
Depth to water: 57.15 ft (17.42 m) below TOC pH: 4.4
Water elevation: 204.35 ft (62.29 m) msl Alkalinity: 0 mg/L
Sp. conductance: 37 µS/cm Water temperature: 22.6°C
Water evacuated before sampling: 91 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | 1.8E-09 ± 1.1E-09 | | µCi/mL | EM |
| 0 | Nonvolatile beta | 2.2E-09 ± 8.5E-10 | | µCi/mL | EM |
| 2 | Tritium | 1.1E-03 ± 4.8E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.1E-03 ± 7.6E-06 | | µCi/mL | EM |

## WELL KSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92 Time: 14:20
Depth to water: 58.62 ft (17.87 m) below TOC
Water elevation: 205.48 ft (62.63 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL KSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 Time: 15:25
Depth to water: 58.97 ft (17.97 m) below TOC pH: 4.6
Water elevation: 205.13 ft (62.52 m) msl Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 93 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | 1.6E-09 ± 9.4E-10 | | µCi/mL | EM |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.7E-09 | | µCi/mL | EM |
| 0 | Total activity | 3.3E-02 ± 1.4E-04 | | µCi/mL | EM |
| 2 | Tritium | 2.9E-02 ± 2.5E-05 | | µCi/mL | GE |

WELL KSB 4A collected on 08/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Tritium | 2.9E-02 ± 2.5E-05 | | µCi/mL | GE |
| 2 | Tritium | 3.1E-02 ± 1.3E-04 | | µCi/mL | EM |

## WELL KSM 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92
Depth to water: 64.11 ft (19.54 m) below TOC
Water elevation: 208.26 ft (63.48 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 14:10
pH: 5.4
Alkalinity: 11 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Tritium | 9.4E-04 ± 7.0E-08 | | µCi/mL | EM |

## WELL KSM 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92
Depth to water: 64.25 ft (19.58 m) below TOC
Water elevation: 208.14 ft (63.44 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 11:20
pH: 5.7
Alkalinity: 18 mg/L
Water temperature: 24.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 68 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 35 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 6,260 | | µg/L | GE |
| 0 | Chloride | 3,920 | | µg/L | GE |
| 0 | Chloride | 3,930 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 1,270 | | µg/L | GE |
| 2 | Iron | 1,280 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 693 | | µg/L | GE |
| 2 | Manganese | 85 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,100 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 924 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,190 | | µg/L | GE |
| 0 | Sulfate | 1,620 | | µg/L | GE |
| 0 | Sulfate | 1,620 | | µg/L | GE |
| 0 | Total dissolved solids | 52,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.2E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.8E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.3E-03 ± 8.4E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 8.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-03 ± 5.2E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-03 ± 8.0E-06 | | µCi/mL | EM |

## WELL KSM 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
Depth to water: 64.21 ft (19.57 m) below TOC
Water elevation: 208.18 ft (63.45 m) msl
Sp. conductance: 61 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 11:05
pH: 5.2
Alkalinity: 6 mg/L
Water temperature: 23.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Tritium | 8.5E-04 ± 6.6E-06 | | µCi/mL | EM |

## WELL KSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 54.32 ft (16.56 m) below TOC
Water elevation: 175.48 ft (53.49 m) msl
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.
Time: 15:30
pH: 6.0
Alkalinity: 21 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | Specific conductance | 60 | JQ | µS/cm | WA |
| 0 | Specific conductance | 60 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthene | <11 | JQ6 | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | JQ6 | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Anthracene | <11 | JQ6 | µg/L | WA |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzidine | <55 | JQ6 | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | JQ | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | JQ6 | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | JQ6 | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | JQ6 | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 1.1 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 8.5 | JQV6 | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | JQ6 | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | Chloride | 2,920 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <11 | JQ6 | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | JQ6 | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <11 | JQ6 | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | JQ6 | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Chrysene | <11 | JQ6 | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | JQ6 | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | JQ6 | µg/L | WA |
| 0 | Di-n-butyl phthalate | 1.2 | JV | µg/L | WA |
| 0 | Di-n-butyl phthalate | 3.8 | JQV6 | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | JQ6 | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | JQ6 | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | Diethyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | JQ6 | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | JQ6 | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | JQ6 | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <11 | JQ6 | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | JQ6 | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluoranthene | <11 | JQ6 | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Fluorene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | WA |

WELL KSS 1D collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachloroethane | <11 | JQ6 | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | JQ6 | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Isophorone | <11 | JQ6 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Manganese | 5.5 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Naphthalene | <11 | JQ6 | µg/L | WA |
| 0 | Nitrate as nitrogen | 585 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | JQ6 | µg/L | WA |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | 4-Nitrophenol | <55 | JQ6 | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | JQ6 | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | JQ6 | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <11 | JQ6 | µg/L | WA |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Pentachlorophenol | <55 | JQ6 | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenanthrene | <11 | JQ6 | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Phenol | <11 | JQ6 | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Pyrene | <11 | JQ6 | µg/L | WA |
| 0 | Sodium | 2,490 | | µg/L | WA |
| 0 | Total dissolved solids | 32,000 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | JQ6 | µg/L | WA |

## WELL KSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 26.13 ft (7.96 m) below TOC
Water elevation: 166.17 ft (50.65 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 74 gal

Time: 14:50
pH: 5.3
Alkalinity: 5 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | Specific conductance | 27 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthene | <11 | JQ6 | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | JQ6 | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Anthracene | <11 | JQ6 | µg/L | WA |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzidine | <55 | JQ6 | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | JQ6 | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | JQ6 | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | JQ6 | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | JQ6 | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 2.1 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 6.6 | JQV6 | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | JQ6 | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | Chloride | 2,210 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <11 | JQ6 | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | JQ6 | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <11 | JQ6 | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | JQ6 | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Chrysene | <11 | JQ6 | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | JQ6 | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |

WELL KSS 2D collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dibenzofuran | <11 | JQ6 | µg/L | WA |
| 0 | Di-n-butyl phthalate | 4.4 | JV | µg/L | WA |
| 0 | Di-n-butyl phthalate | 6.0 | JQV6 | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | JQ6 | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | JQ6 | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | Diethyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | JQ6 | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | JQ6 | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | JQ6 | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <11 | JQ6 | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | JQ6 | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluoranthene | <11 | JQ6 | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Fluorene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <11 | JQ6 | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | JQ6 | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Isophorone | <11 | JQ6 | µg/L | WA |
| 1 | Lead | 8.5 | | µg/L | WA |
| 1 | Manganese | 33 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Naphthalene | <11 | JQ6 | µg/L | WA |
| 0 | Nitrate as nitrogen | 737 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | JQ6 | µg/L | WA |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | 4-Nitrophenol | <55 | JQ6 | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | JQ6 | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | JQ6 | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <11 | JQ6 | µg/L | WA |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Pentachlorophenol | <55 | JQ6 | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenanthrene | <11 | JQ6 | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Phenol | <11 | JQ6 | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Pyrene | <11 | JQ6 | µg/L | WA |
| 0 | Sodium | 2,550 | | µg/L | WA |
| 0 | Total dissolved solids | 17,000 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | JQ6 | µg/L | WA |

## WELL KSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 19.52 ft (5.95 m) below TOC
Water elevation: 165.68 ft (50.50 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 69 gal

Time: 15:10
pH: 5.8
Alkalinity: 9 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | Specific conductance | 31 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Benzidine | <50 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL KSS 3D collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 1.4 | JV | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Chloride | 2,190 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | 6.0 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | WA |
| 1 | Lead | 11 | | µg/L | WA |
| 0 | Manganese | 2.2 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 381 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Sodium | 1,470 | | µg/L | WA |
| 0 | Total dissolved solids | 20,000 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |

## WELL LAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 20.71 ft (6.31 m) below TOC
Water elevation: 217.49 ft (66.29 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 69 gal

Time: 10:05
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.4 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 39 | J2 | µg/L | GE |
| 0 | Lead | 8.4 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL LAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 22.30 ft (6.80 m) below TOC
Water elevation: 217.90 ft (66.42 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 64 gal

Time: 9:50
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 13 | J2 | µg/L | GE |
| 1 | Lead | 14 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL LAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 20.22 ft (6.16 m) below TOC
Water elevation: 217.58 ft (66.32 m) msl
Sp. conductance: 186 µS/cm
Water evacuated before sampling: 71 gal

Time: 9:35
pH: 7.2
Alkalinity: 78 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 17 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL LAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 19.45 ft (5.83 m) below TOC
Water elevation: 217.65 ft (66.34 m) msl
Sp. conductance: 134 µS/cm
Water evacuated before sampling: 85 gal

Time: 10:30
pH: 6.1
Alkalinity: 37 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.8 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |

WELL LAC 4 collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Iron | 20 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.053 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 0.83 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.53 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <8.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 3.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.8E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Radium-226 | <8.4E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.2E-09 ± 2.9E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 1.3E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 1.4E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL LAC 4 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 19.45 ft (5.93 m) below TOC
Water elevation: 217.85 ft (66.34 m) msl
Sp. conductance: 134 µS/cm
Water evacuated before sampling: 85 gal

Time: 10:30
pH: 6.1
Alkalinity: 37 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.8 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Iron | 13 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 0.53 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <7.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | 9.0E-10 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <7.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.5E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 9.0E-10 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL LAW 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 41.41 ft (12.62 m) below TOC
Water elevation: 176.69 ft (53.86 m) msl
Sp. conductance: 79 µS/cm
Water evacuated before sampling: 446 gal

Time: 9:00
pH: 5.8
Alkalinity: 18 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 27 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 10,500 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 2,410 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | 220 | | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 2 | Iron | 826 | J2 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Magnesium | 852 | | µg/L | GE |
| 1 | Manganese | 45 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |

WELL LAW 1D collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,380 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 18,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,880 | | µg/L | GE |
| 0 | Sulfate | 11,500 | | µg/L | GE |
| 0 | Total dissolved solids | 61,000 | JQV6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 250 | | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.1E-09 ± 4.6E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL LAW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 48.72 ft (14.85 m) below TOC
Water elevation: 176.58 ft (53.82 m) msl
Sp. conductance: 304 µS/cm
Water evacuated before sampling: 489 gal
Time: 13:15
pH: 11.0
Alkalinity: 133 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 1 | Specific conductance | 290 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Aldrin | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 87 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | Benzidine | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 53,800 | | µg/L | GE |
| 0 | Chlordane | <10 | | µg/L | GE |
| 0 | Chloride | 2,160 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | | µg/L | GE |
| 0 | p,p'-DDE | <10 | | µg/L | GE |
| 0 | p,p'-DDT | <10 | | µg/L | GE |
| 0 | Dibenz(a,h)anthracene | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | Dieldrin | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | | µg/L | GE |
| 0 | Endosulfan I | <10 | | µg/L | GE |
| 0 | Endosulfan II | <10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | | µg/L | GE |
| 0 | Endrin | <10 | | µg/L | GE |
| 0 | Endrin aldehyde | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | 166 | | µg/L | GE |
| 0 | Heptachlor | <10 | | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |

WELL LAW 2B collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iron | 8.2 | J2 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <10 | | µg/L | GE |
| 0 | Magnesium | 545 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | PCB 1016 | <150 | | µg/L | GE |
| 0 | PCB 1221 | <150 | | µg/L | GE |
| 0 | PCB 1232 | <150 | | µg/L | GE |
| 0 | PCB 1242 | <150 | | µg/L | GE |
| 0 | PCB 1248 | <150 | | µg/L | GE |
| 0 | PCB 1254 | <150 | | µg/L | GE |
| 0 | PCB 1260 | <150 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,080 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 14,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,180 | | µg/L | GE |
| 0 | Sulfate | 11,500 | | µg/L | GE |
| 0 | Total dissolved solids | 129,000 | JQV | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | Toxaphene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.8E-09 ± 8.5E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.7E-09 ± 8.4E-10 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.9E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 8.7E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL LAW 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 70.02 ft (21.34 m) below TOC
Water elevation: 178.38 ft (54.37 m) msl
Sp. conductance: 377 µS/cm
Water evacuated before sampling: 471 gal
Time: 11:55
pH: 10.9
Alkalinity: 183 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 1 | Specific conductance | 330 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Arsenic | 4.6 | | µg/L | GE |
| 0 | Barium | 89 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 58,800 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 2,140 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |

WELL LAW 3B collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | 346 | | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | 15 | J2 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Magnesium | 856 | | µg/L | GE |
| 0 | Manganese | 4.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 12,500 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 13,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,110 | | µg/L | GE |
| 0 | Sulfate | 10,600 | | µg/L | GE |
| 0 | Total dissolved solids | 140,000 | JQV8 | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 370 | | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 8.7E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 4.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL LAW 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: 12.73 ft (3.88 m) below TOC
Water elevation: 235.27 ft (71.71 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 106 gal
Time: 11:05
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |

WELL LAW 3C collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aldrin | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 28 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | Benzidine | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,370 | | µg/L | GE |
| 0 | Chlordane | <10 | | µg/L | GE |
| 0 | Chloride | 2,920 | | µg/L | GE |
| 0 | Chloride | 3,010 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | | µg/L | GE |
| 0 | p,p'-DDE | <10 | | µg/L | GE |
| 0 | p,p'-DDT | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | Dieldrin | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | | µg/L | GE |
| 0 | Endosulfan I | <10 | | µg/L | GE |
| 0 | Endosulfan II | <10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | | µg/L | GE |
| 0 | Endrin | <10 | | µg/L | GE |
| 0 | Endrin aldehyde | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <10 | | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iron | 100 | J2 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 2 | Lead | 29 | | µg/L | GE |
| 0 | Lindane | <10 | | µg/L | GE |
| 0 | Magnesium | 576 | | µg/L | GE |
| 0 | Manganese | 8.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | PCB 1016 | <150 | | µg/L | GE |
| 0 | PCB 1221 | <150 | | µg/L | GE |
| 0 | PCB 1232 | <150 | | µg/L | GE |
| 0 | PCB 1242 | <150 | | µg/L | GE |
| 0 | PCB 1248 | <150 | | µg/L | GE |
| 0 | PCB 1254 | <150 | | µg/L | GE |
| 0 | PCB 1260 | <150 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,480 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,030 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 23,000 | JQV | µg/L | GE |
| 0 | Total dissolved solids | 26,000 | JQV | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL LAW 3C collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 120 | | µg/L | GE |
| 0 | Toxaphene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.9E-08 ± 4.0E-07 | | µCi/mL | GE |

## WELL LCO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92
Depth to water: 25.28 ft (7.71 m) below TOC
Water elevation: 215.42 ft (65.66 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 51 gal
Time: 9:15
pH: 5.4
Alkalinity: 7 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Aldrin | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | Benzidine | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <10 | | µg/L | GE |
| 0 | Chloride | 2,290 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | | µg/L | GE |
| 0 | p,p'-DDE | <10 | | µg/L | GE |
| 0 | p,p'-DDT | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | | µg/L | GE |
| 0 | Dissolved organic carbon | 1,210 | | µg/L | GE |
| 0 | Endosulfan I | <10 | | µg/L | GE |
| 0 | Endosulfan II | <10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | | µg/L | GE |
| 0 | Endrin | <10 | | µg/L | GE |
| 0 | Endrin aldehyde | <10 | | µg/L | GE |

WELL LCO 1 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Heptachlor | <10 | | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iron | 82 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <10 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,530 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,460 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | PCB 1016 | <150 | | µg/L | GE |
| 0 | PCB 1221 | <150 | | µg/L | GE |
| 0 | PCB 1232 | <150 | | µg/L | GE |
| 0 | PCB 1242 | <150 | | µg/L | GE |
| 0 | PCB 1248 | <150 | | µg/L | GE |
| 0 | PCB 1254 | <150 | | µg/L | GE |
| 0 | PCB 1260 | <150 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sulfate | 2,820 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Toxaphene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 1.4E-08 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 2 | Technetium-99 | 1.1E-06 ± 5.3E-08 | | µCi/mL | GP |
| 2 | Technetium-99 | 1.1E-06 ± 5.3E-08 | | µCi/mL | GP |
| 0 | Total activity | 4.6E-04 ± 5.1E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 4.2E-04 ± 3.1E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL LCO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92
Depth to water: 23.99 ft (7.31 m) below TOC
Water elevation: 217.61 ft (66.33 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 55 gal

Time: 11:45
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Aldrin | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.1 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | Benzidine | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <10 | | µg/L | GE |
| 0 | Chloride | 1,720 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | | µg/L | GE |
| 0 | p,p'-DDE | <10 | | µg/L | GE |
| 0 | p,p'-DDT | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endosulfan I | <10 | | µg/L | GE |
| 0 | Endosulfan II | <10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | | µg/L | GE |
| 0 | Endrin | <10 | | µg/L | GE |
| 0 | Endrin aldehyde | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Heptachlor | <10 | | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iron | 29 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Lead | 7.3 | | µg/L | GE |

WELL LCO 2 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lindane | <10 | | µg/L | GE |
| 0 | Manganese | 2.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,640 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | PCB 1016 | <150 | | µg/L | GE |
| 0 | PCB 1221 | <150 | | µg/L | GE |
| 0 | PCB 1232 | <150 | | µg/L | GE |
| 0 | PCB 1242 | <150 | | µg/L | GE |
| 0 | PCB 1248 | <150 | | µg/L | GE |
| 0 | PCB 1254 | <150 | | µg/L | GE |
| 0 | PCB 1260 | <150 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.4 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Toxaphene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.8E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 6.8E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL LCO 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92
Depth to water: 24.25 ft (7.39 m) below TOC
Water elevation: 217.15 ft (66.19 m) msl
Sp. conductance: 234 µS/cm
Water evacuated before sampling: 55 gal

Time: 10:00
pH: 7.4
Alkalinity: 88 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.7 | JQ | pH | GE |
| 0 | pH | 7.6 | JQ | pH | WA |
| 0 | pH | 7.6 | JQ | pH | WA |
| 0 | Specific conductance | 220 | | µS/cm | GE |
| 0 | Specific conductance | 201 | JQ | µS/cm | WA |
| 0 | Specific conductance | 201 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL LCO 3 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <55 | | µg/L | WA |
| 0 | Benzidine | <55 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 4.4 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 3.2 | JV | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 1,930 | | µg/L | GE |
| 0 | Chloride | 2,080 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | 4.6 | JV | µg/L | WA |
| 0 | Di-n-butyl phthalate | 10 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |

WELL LCO 3 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | Dichloromethane | 6.9 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Dissolved organic carbon | <500 | | µg/L | WA |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Iron | 31 | | µg/L | GE |
| 0 | Iron | 6.3 | J3 | µg/L | WA |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 0.47 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 576 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 880 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | | µg/L | WA |

WELL LCO 3 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | 1.7 | J | µg/L | WA |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 2.2 | J3 | µg/L | WA |
| 0 | Sulfate | 13,300 | | µg/L | GE |
| 0 | Sulfate | 13,600 | | µg/L | WA |
| 0 | Sulfate | 13,600 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 11 | | µg/L | GE |
| 2 | Tetrachloroethylene | 9.3 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | 1.4 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.6E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Gross alpha | 2.3E-09 ± 2.0E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-228 | <1.8E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <5.0E-10 | | µCi/mL | TM |

WELL LCO 3 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 5.0E-06 ± 9.3E-07 | | µCi/mL | TM |
| 0 | Tritium | 5.2E-06 ± 1.2E-06 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL LCO 3 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92
Depth to water: 24.25 ft (7.39 m) below TOC
Water elevation: 217.15 ft (66.19 m) msl
Sp. conductance: 234 µS/cm
Water evacuated before sampling: 55 gal

Time: 10:00
pH: 7.4
Alkalinity: 88 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.7 | JQ | pH | GE |
| 0 | pH | 7.8 | JQ | pH | GE |
| 0 | pH | 7.5 | JQ | pH | WA |
| 0 | Specific conductance | 210 | | µS/cm | GE |
| 0 | Specific conductance | 194 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <12 | | µg/L | WA |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <12 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <12 | | µg/L | WA |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | 6.9 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <60 | | µg/L | WA |
| 0 | Benzidine | <55 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <12 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <12 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <12 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <12 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <12 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <12 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <12 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <12 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 5.5 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 2.9 | JV | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL LCO 3 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <12 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <12 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 1,900 | | µg/L | GE |
| 0 | Chloride | 1,870 | | µg/L | GE |
| 0 | Chloride | 2,070 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <12 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <12 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <12 | | µg/L | WA |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <12 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <12 | | µg/L | WA |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <12 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <12 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | 12 | V | µg/L | WA |
| 0 | Di-n-butyl phthalate | 8.8 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <12 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <12 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <12 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <24 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | Dichloromethane | 15 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <12 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | 2.2 | J | µg/L | WA |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <12 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <12 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <60 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <60 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |

WELL LCO 3 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dinitrotoluene | <12 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <12 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <12 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Dissolved organic carbon | <500 | | µg/L | WA |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <12 | | µg/L | WA |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <12 | | µg/L | WA |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <12 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <12 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <12 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <12 | | µg/L | WA |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <12 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | WA |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <12 | | µg/L | WA |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 2.1 | J3 | µg/L | WA |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 0.58 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <12 | | µg/L | WA |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 576 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 930 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <12 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <12 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <60 | | µg/L | WA |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <12 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <12 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <12 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <60 | | µg/L | WA |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <12 | | µg/L | WA |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | 4.3 | J | µg/L | WA |
| 0 | Phenol | 1.5 | J | µg/L | WA |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <12 | | µg/L | WA |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | 2.1 | J3 | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |

WELL LCO 3 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | 2.3 | J3 | µg/L | WA |
| 0 | Sulfate | 12,900 | | µg/L | GE |
| 0 | Sulfate | 12,800 | | µg/L | GE |
| 0 | Sulfate | 13,400 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 11 | | µg/L | GE |
| 2 | Tetrachloroethylene | 8.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <12 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | 1.4 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <12 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.2E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.5E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.7E-10 | | µCi/mL | TM |
| 0 | Radium-226 | <2.9E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <4.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <5.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | CN |
| 0 | Thorium-229 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.6E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 5.6E-06 ± 1.1E-06 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL LCO 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92
Depth to water: 24.02 ft (7.32 m) below TOC
Water elevation: 213.18 ft (64.98 m) msl
Sp. conductance: 539 µS/cm
Water evacuated before sampling: 55 gal

Time: 11:10
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 1 | Specific conductance | 480 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 8,800 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | 2.6 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | 101 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | 3.9 | | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |

WELL LCO 4 collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Manganese | 34 | | µg/L | GE |
| 0 | Mercury | 0.43 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,570 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | 2.9 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 1 | Sulfate | 232,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 15 | | µg/L | GE |
| 0 | Toluene | 1.0 | | µg/L | GE |
| 0 | Total organic carbon | 1,300 | | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.8 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.2E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 5.8E-08 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 22 gal
The well went dry during purging.
Time: 14:35
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Lead | 52 | | µg/L | GE |
| 0 | Total organic halogens | 19 | | µg/L | GE |
| 0 | Tritium | 7.7E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 7.7E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 22 gal
The well went dry during purging.
Time: 14:20
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 24.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Lead | 16 | | µg/L | GE |
| 2 | Total organic halogens | 52 | | µg/L | GE |
| 0 | Tritium | 4.6E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL LFW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92
Depth to water: 16.50 ft (5.03 m) below TOC
Water elevation: 155.20 ft (47.31 m) msl
Sp. conductance: 99 µS/cm
Water evacuated before sampling: 37 gal
Time: 10:45
pH: 5.2
Alkalinity: 18 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | Specific conductance | 112 | | µS/cm | GE |
| 0 | Specific conductance | 128 | JQ | µS/cm | WA |
| 0 | Specific conductance | 128 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 37 | | µg/L | GE |
| 0 | Barium | 38 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 4,780 | | µg/L | GE |
| 0 | Calcium | 5,350 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 5,320 | | µg/L | GE |
| 0 | Chloride | 6,850 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 1 | 1,1-Dichloroethane | 7.9 | | µg/L | GE |
| 1 | 1,1-Dichloroethane | 7.6 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 5.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |

WELL LFW 6 collected on 08/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 9,660 | | µg/L | GE |
| 2 | Iron | 10,300 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 4,870 | | µg/L | GE |
| 0 | Magnesium | 5,060 | | µg/L | WA |
| 1 | Manganese | 30 | | µg/L | GE |
| 1 | Manganese | 34 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 337 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 323 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 306 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 803 | | µg/L | GE |
| 0 | Potassium | 851 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,360 | | µg/L | GE |
| 0 | Silica | 8,220 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,680 | | µg/L | GE |
| 0 | Sodium | 2,820 | | µg/L | WA |
| 0 | Sulfate | 4,940 | | µg/L | GE |
| 0 | Sulfate | 5,610 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 2,370 | | µg/L | GE |
| 0 | Total organic carbon | 2,080 | | µg/L | WA |
| 0 | Total organic carbon | 1,980 | | µg/L | WA |
| 2 | Total organic halogens | 58 | | µg/L | GE |
| 2 | Total organic halogens | 118 | JQ | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.3 | J | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.68 | | µg/L | WA |
| 0 | Gross alpha | 6.6E-09 ± 2.2E-09 | | µCi/mL | GP |
| 0 | Gross alpha | 2.9E-09 ± 8.9E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 6.7E-09 ± 1.8E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.4E-09 ± 7.8E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 4.3E-09 ± 4.1E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 3.8E-09 ± 1.3E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 3.1E-09 ± 6.5E-10 | | µCi/mL | CN |
| 0 | Tritium | 1.7E-08 ± 5.0E-07 | | µCi/mL | GP |
| 0 | Tritium | 1.5E-08 ± 4.1E-07 | | µCi/mL | CN |

## WELL LFW 6 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92
Depth to water: 16.50 ft (5.03 m) below TOC
Water elevation: 155.20 ft (47.31 m) msl
Sp. conductance: 99 µG/cm
Water evacuated before sampling: 37 gal

Time: 10:45
pH: 5.2
Alkalinity: 18 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | Specific conductance | 110 | | µS/cm | GE |
| 0 | Specific conductance | 110 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |

WELL LFW 6 collected on 08/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 38 | | µg/L | GE |
| 0 | Barium | 39 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 4,890 | | µg/L | GE |
| 0 | Calcium | 5,540 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 5,220 | | µg/L | GE |
| 0 | Chloride | 5,100 | | µg/L | GE |
| 0 | Chloride | 7,100 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | 2.5 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 1 | 1,1-Dichloroethane | 9.9 | | µg/L | GE |
| 2 | 1,1-Dichloroethane | 12 | | µg/L | WA |
| 1 | 1,1-Dichloroethane | 7.1 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 5.3 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 11,300 | | µg/L | GE |
| 2 | Iron | 13,100 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 5,100 | | µg/L | GE |
| 0 | Magnesium | 5,290 | | µg/L | WA |
| 1 | Manganese | 33 | | µg/L | GE |
| 1 | Manganese | 38 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL LFW 6 collected on 08/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 272 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 271 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 492 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 878 | | µg/L | GE |
| 0 | Potassium | 707 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,340 | | µg/L | GE |
| 0 | Silica | 8,320 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,740 | | µg/L | GE |
| 0 | Sodium | 2,610 | | µg/L | WA |
| 0 | Sulfate | 5,050 | | µg/L | GE |
| 0 | Sulfate | 5,030 | | µg/L | GE |
| 0 | Sulfate | 1,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | 1.1 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.5 | J | µg/L | WA |
| 0 | Tetrachloroethylene | 2.1 | J | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 2,230 | | µg/L | GE |
| 0 | Total organic carbon | 1,460 | | µg/L | WA |
| 2 | Total organic halogens | 65 | | µg/L | GE |
| 2 | Total organic halogens | 83 | JQ | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | 1.1 | | µg/L | GE |
| 0 | Trichloroethylene | 2.1 | J | µg/L | WA |
| 0 | Trichloroethylene | 1.7 | J | µg/L | WA |
| 0 | Trichlorofluoromethane | 2.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 1 | Gross alpha | 8.5E-09 ± 2.5E-09 | | µCi/mL | GP |
| 0 | Gross alpha | 5.3E-09 ± 1.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 8.3E-09 ± 1.9E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.2E-09 ± 9.0E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 2.9E-09 ± 3.1E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 3.0E-09 ± 9.9E-10 | | µCi/mL | GP |
| 0 | Radium-228 | 2.4E-09 ± 7.0E-10 | | µCi/mL | CN |
| 0 | Tritium | 1.5E-06 ± 5.0E-07 | | µCi/mL | GP |
| 0 | Tritium | 2.1E-06 ± 4.4E-07 | | µCi/mL | CN |

## WELL LFW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92 Time: 10:15
Depth to water: 18.03 ft (5.50 m) below TOC
Water elevation: 153.17 ft (46.69 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL LFW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92 Time: 9:55
Depth to water: 19.64 ft (5.99 m) below TOC pH: 6.4
Water elevation: 150.66 ft (45.98 m) msl Alkalinity: 153 mg/L
Sp. conductance: 363 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 29 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | Specific conductance | 231 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | 14 | | µg/L | WA |
| 0 | Barium | 7.0 | J3 | µg/L | WA |
| 1 | Benzene | 3.3 | J | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |

WELL LFW 8 collected on 08/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 7,130 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 62,500 | | µg/L | WA |
| 2 | Chlorobenzene | 17 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 32 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | 11 | | µg/L | WA |
| 0 | Fluoride | 142 | | µg/L | WA |
| 0 | Fluoride | 147 | | µg/L | WA |
| 2 | Iron | 47,600 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 10,000 | | µg/L | WA |
| 0 | Manganese | 20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 163 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,290 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,870 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 19,200 | | µg/L | WA |
| 0 | Sulfate | 594 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | 5.8 | | µg/L | WA |
| 0 | Total organic carbon | 4,740 | | µg/L | WA |
| 2 | Total organic halogens | 245 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 6.6E-09 ± 1.2E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 1.1E-08 ± 9.7E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 1 | Radium-228 | 5.3E-09 ± 6.7E-10 | | µCi/mL | CN |
| 0 | Tritium | 7.4E-06 ± 6.2E-07 | | µCi/mL | CN |

## WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 13:40
Depth to water: 22.26 ft (6.78 m) below TOC pH: 6.0
Water elevation: 153.24 ft (46.71 m) msl Alkalinity: 166 mg/L
Sp. conductance: 435 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 83 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | WA |
| 0 | pH | 5.9 | JQ | pH | WA |
| 1 | Specific conductance | 331 | JQ | µS/cm | WA |
| 1 | Specific conductance | 331 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | 5.2 | J3 | µg/L | WA |
| 0 | Barium | 13 | J3 | µg/L | WA |
| 1 | Benzene | 4.1 | J | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 10,700 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 29,000 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 4.2 | J3 | µg/L | WA |

WELL LFW 10A collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 153 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 1 | 1,1-Dichloroethylene | 5.2 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 203 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | 9.0 | | µg/L | WA |
| 0 | Fluoride | 142 | JQ | µg/L | WA |
| 2 | Iron | 90,000 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | 0.074 | | µg/L | WA |
| 0 | Magnesium | 14,900 | | µg/L | WA |
| 0 | Manganese | 22 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.53 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 27 | | µg/L | WA |
| 1 | Phenols | 27 | | µg/L | WA |
| 0 | Potassium | 1,220 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,810 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 17,200 | | µg/L | WA |
| 0 | Sulfate | 277 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 125 | | µg/L | WA |
| 0 | Toluene | 12 | | µg/L | WA |
| 2 | Total organic carbon | 13,000 | | µg/L | WA |
| 2 | Total organic halogens | 376 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.53 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 34 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 45 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 7.3E-09 ± 2.8E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 7.4E-09 ± 1.7E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.0E-09 ± 2.1E-10 | | µCi/mL | CN |
| 0 | Radium-228 | 3.2E-09 ± 5.6E-10 | | µCi/mL | CN |
| 2 | Tritium | 1.4E-04 ± 2.2E-06 | | µCi/mL | CN |
| 2 | Tritium | 1.4E-04 ± 2.3E-06 | | µCi/mL | CN |

## WELL LFW 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92
Depth to water: 22.66 ft (6.91 m) below TOC
Water elevation: 156.14 ft (47.59 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 65 gal

Time: 9:45
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 41 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 14 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,950 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 3,240 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 9.0 | | µg/L | WA |
| 0 | Copper | 1.2 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 32 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 14 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |

WELL LFW 16 collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 139 | | µg/L | WA |
| 0 | Lead | 4.3 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 1,980 | | µg/L | WA |
| 0 | Manganese | 1.9 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 677 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 656 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 11,100 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,590 | | µg/L | WA |
| 0 | Sulfate | 318 | | µg/L | WA |
| 0 | Sulfate | 265 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 15 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 602 | | µg/L | WA |
| 0 | Total organic halogens | <50 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 6.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 14 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | 1.2 | J3 | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.8E-09 ± 7.4E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 1.2E-09 ± 2.4E-10 | | µCi/mL | CN |
| 0 | Radium-228 | 1.8E-09 ± 6.4E-10 | | µCi/mL | CN |
| 1 | Tritium | 1.4E-05 ± 7.7E-07 | | µCi/mL | CN |

## WELL LFW 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92
Depth to water: 22.18 ft (6.76 m) below TOC
Water elevation: 155.62 ft (47.43 m) msl
Sp. conductance: 306 µS/cm
Water evacuated before sampling: 71 gal

Time: 8:25
pH: 6.3
Alkalinity: 86 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | WA |
| 1 | Specific conductance | 250 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | 13 | | µg/L | WA |
| 0 | Barium | 8.4 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 1.3 | J3 | µg/L | WA |
| 0 | Calcium | 4,770 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 61,700 | | µg/L | WA |
| 2 | Chlorobenzene | 41 | | µg/L | WA |
| 1 | Chloroethane | 7.2 | J | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 25 | | µg/L | WA |
| 1 | 1,2-Dichloroethane | 4.5 | J | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | 14 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 21,700 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 9,320 | | µg/L | WA |
| 0 | Manganese | 15 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | 4.1 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 117 | | µg/L | WA |
| 0 | Phenols | 12 | | µg/L | WA |
| 0 | Potassium | 881 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,730 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |

WELL LFW 17 collected on 08/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium | 23,100 | | µg/L | WA |
| 0 | Sulfate | 1,910 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | 4.2 | J | µg/L | WA |
| 0 | Total organic carbon | 4,130 | | µg/L | WA |
| 2 | Total organic halogens | 367 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.8E-09 ± 7.7E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.9E-09 ± 6.4E-10 | | µCi/mL | CN |
| 0 | Tritium | 7.6E-06 ± 6.2E-07 | | µCi/mL | CN |

## WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92
Depth to water: 19.43 ft (5.92 m) below TOC
Water elevation: 155.57 ft (47.42 m) msl
Sp. conductance: 383 µS/cm
Water evacuated before sampling: 87 gal
Time: 9:10
pH: 6.3
Alkalinity: 172 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | Specific conductance | 236 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 1 | Arsenic | 27 | | µg/L | WA |
| 0 | Barium | 7.9 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 6,150 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 44,600 | | µg/L | WA |
| 0 | Chlorobenzene | 2.7 | J | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 15 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | 14 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 58,200 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 11,100 | | µg/L | WA |
| 0 | Manganese | 13 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | 5.2 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 79 | | µg/L | WA |
| 0 | Phenols | 9.0 | | µg/L | WA |
| 0 | Potassium | 2,050 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,250 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 16,300 | | µg/L | WA |
| 0 | Sulfate | 958 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | 6.0 | | µg/L | WA |
| 0 | Total organic carbon | 4,440 | | µg/L | WA |
| 2 | Total organic halogens | 280 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 4.4E-09 ± 1.4E-09 | | µCi/mL | CN |

WELL LFW 18 collected on 08/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nonvolatile beta | 5.1E-09 ± 9.0E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 3.8E-09 ± 6.8E-10 | | µCi/mL | CN |
| 1 | Tritium | 1.4E-05 ± 7.8E-07 | | µCi/mL | CN |

## WELL LFW 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92
Depth to water: 19.87 ft (6.06 m) below TOC
Water elevation: 156.83 ft (47.80 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 70 gal
Time: 12:05
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | Specific conductance | 20 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.6 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 508 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,330 | | µg/L | WA |
| 0 | Chloride | 2,460 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 2.2 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 1 | Iron | 172 | | µg/L | WA |
| 0 | Lead | 2.4 | J3 | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 560 | | µg/L | WA |
| 0 | Manganese | 2.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 360 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 494 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,330 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,490 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |

WELL LFW 19 collected on 08/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | 3,510 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 2.3E-09 ± 7.0E-10 | | µCi/mL | CN |
| 0 | Gross alpha | 3.8E-09 ± 7.2E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 5.1E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 7.9E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 3.9E-09 ± 6.0E-10 | | µCi/mL | CN |
| 0 | Tritium | 2.9E-06 ± 4.7E-07 | | µCi/mL | CN |

## WELL LFW 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 14:00
Depth to water: 20.46 ft (6.24 m) below TOC
Water elevation: 180.04 ft (48.78 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 12:50
Depth to water: 24.21 ft (7.38 m) below TOC pH: 8.3
Water elevation: 151.39 ft (46.14 m) msl Alkalinity: 273 mg/L
Sp. conductance: 1426 µS/cm Water temperature: 22.2°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | WA |
| 2 | Specific conductance | 1,250 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 1 | Antimony | 3.3 | J3 | µg/L | WA |
| 1 | Arsenic | 27 | | µg/L | WA |
| 0 | Barium | 18 | J3 | µg/L | WA |
| 2 | Benzene | 16 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 62,800 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 58,900 | | µg/L | WA |
| 0 | Chlorobenzene | 3.2 | J | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 361 | | µg/L | WA |
| 1 | 1,2-Dichloroethane | 4.6 | J | µg/L | WA |
| 1 | 1,1-Dichloroethylene | 4.3 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | 2.2 | J | µg/L | WA |
| 0 | Dichloromethane | 15 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | 1.6 | | µg/L | WA |
| 2 | 1,2-Dichloropropane | 6.4 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <1.1 | | µg/L | WA |
| 0 | Ethylbenzene | 98 | | µg/L | WA |
| 0 | Fluoride | 123 | JQ | µg/L | WA |
| 2 | Iron | 1.6E+08 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 2 | Lindane | 0.48 | J | µg/L | WA |
| 0 | Magnesium | 42,100 | | µg/L | WA |
| 2 | Manganese | 308 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <5.3 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | <20 | | µg/L | WA |
| 2 | Phenols | 630 | | µg/L | WA |
| 0 | Potassium | . | R4 | µg/L | WA |
| 0 | Selenium | 2.0 | J3 | µg/L | WA |
| 0 | Silica | 9,290 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 58,800 | | µg/L | WA |
| 0 | Sulfate | 1,070 | | µg/L | WA |

WELL LFW 21 collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 10 | | µg/L | WA |
| 0 | Toluene | 387 | | µg/L | WA |
| 2 | Total organic carbon | 516,000 | | µg/L | WA |
| 2 | Total organic halogens | 504 | JQ | µg/L | WA |
| 0 | Toxaphene | <11 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.53 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 4.5 | J | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 24 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | <8.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <5.3E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 2.2E-09 ± 3.4E-10 | | µCi/mL | CN |
| 0 | Radium-228 | 2.9E-09 ± 5.9E-10 | | µCi/mL | CN |
| 1 | Tritium | 1.7E-05 ± 8.5E-07 | | µCi/mL | CN |

## WELL LFW 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 11:55
Depth to water: 21.99 ft (6.70 m) below TOC pH: 8.4
Water elevation: 152.21 ft (46.39 m) msl Alkalinity: 333 mg/L
Sp. conductance: 924 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 78 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | WA |
| 2 | Specific conductance | 598 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | 11 | | µg/L | WA |
| 0 | Barium | 13 | J3 | µg/L | WA |
| 1 | Benzene | 3.3 | J | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 18,800 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 52,600 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 98 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | 3.0 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 251 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | 0.99 | J | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | 205 | | µg/L | WA |
| 0 | Fluoride | 103 | | µg/L | WA |
| 2 | Iron | 1.1E+08 | | µg/L | WA |
| 2 | Iron | 260,000 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 17,900 | | µg/L | WA |
| 2 | Manganese | 72 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | <20 | | µg/L | WA |
| 2 | Phenols | 249 | | µg/L | WA |
| 0 | Potassium | . | R4 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,650 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 25,100 | | µg/L | WA |
| 0 | Sulfate | 1,630 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 9.6 | | µg/L | WA |
| 0 | Toluene | 206 | | µg/L | WA |
| 2 | Total organic carbon | 100,000 | | µg/L | WA |
| 2 | Total organic halogens | 593 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 5.2 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 27 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | <5.7E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <5.3E-09 | | µCi/mL | CN |

WELL LFW 22 collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Radium-226 | 1.1E-09 ± 2.3E-10 | | µCi/mL | CN |
| 0 | Radium-228 | 2.3E-09 ± 5.7E-10 | | µCi/mL | CN |
| 0 | Tritium | 6.6E-06 ± 5.9E-07 | | µCi/mL | CN |

## WELL LFW 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92
Depth to water: 18.96 ft (5.78 m) below TOC
Water elevation: 152.84 ft (46.59 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 73 gal
Time: 11:15
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 25 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.2 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.97 | J3 | µg/L | WA |
| 0 | Calcium | 419 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,940 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 4.8 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 3.8 | J | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 47 | | µg/L | WA |
| 0 | Lead | 7.1 | | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Magnesium | 636 | | µg/L | WA |
| 0 | Manganese | 1.1 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 801 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 423 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,480 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,220 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 1,330 | | µg/L | WA |
| 0 | Total organic carbon | 1,440 | | µg/L | WA |
| 0 | Total organic halogens | <50 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.68 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.6E-09 ± 6.1E-10 | | µCi/mL | CN |
| 0 | Tritium | 2.7E-06 ± 1.9E-07 | | µCi/mL | CN |

## WELL LFW 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92
Depth to water: 15.93 ft (4.86 m) below TOC
Water elevation: 155.37 ft (47.38 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 81 gal
Time: 10:20
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 14 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.0 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.55 | J3 | µg/L | WA |
| 0 | Calcium | 304 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,800 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 5.3 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.4 | J | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 33 | | µg/L | WA |
| 0 | Lead | 3.8 | J3 | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Magnesium | 317 | | µg/L | WA |
| 0 | Manganese | 1.1 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | Nickel | 5.7 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 203 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 185 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 645 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,590 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,370 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 1,000 | | µg/L | WA |
| 2 | Total organic halogens | 60 | JQ | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.68 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.5E-06 ± 4.2E-07 | | µCi/mL | CN |

## WELL LFW 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 Time: 14:00
Depth to water: 17.05 ft (5.20 m) below TOC pH: 4.6
Water elevation: 157.65 ft (48.05 m) msl Alkalinity: 0 mg/L
Sp. conductance: 18 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 90 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 14 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 2 | Antimony | 7.3 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.9 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.58 | J3 | µg/L | WA |
| 0 | Calcium | 246 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,000 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 6.6 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 19 | | µg/L | WA |
| 0 | Lead | 2.1 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 415 | | µg/L | WA |
| 0 | Manganese | 1.9 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 253 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 319 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,500 | | µg/L | WA |
| 0 | Silver | 0.85 | J3 | µg/L | WA |
| 0 | Sodium | 1,120 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | 1.5 | J3 | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 8.2E-09 ± 1.2E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 1 | Radium-228 | 4.5E-09 ± 7.2E-10 | | µCi/mL | CN |
| 0 | Tritium | 1.9E-06 ± 4.6E-07 | | µCi/mL | CN |

## WELL LFW 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 Time: 13:15
Depth to water: 24.19 ft (7.37 m) below TOC pH: 4.7
Water elevation: 162.31 ft (49.47 m) msl Alkalinity: 0 mg/L
Sp. conductance: 13 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 11 | JQ | µS/cm | WA |

WELL LFW 26 collected on 08/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Specific conductance | 11 | JQ | µS/cm | WA |
| 0 | Aluminum | 18 | J3 | µg/L | WA |
| 2 | Antimony | 5.0 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 9.9 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 211 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,970 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 3.8 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 11 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 272 | | µg/L | WA |
| 0 | Manganese | 1.9 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | Nickel | 3.4 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 218 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 440 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,840 | | µg/L | WA |
| 0 | Silver | 0.70 | J3 | µg/L | WA |
| 0 | Sodium | 1,030 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | 2.3 | J3 | µg/L | WA |
| 1 | Gross alpha | 9.6E-09 ± 8.7E-10 | | µCi/mL | CN |
| 1 | Nonvolatile beta | 2.6E-06 ± 1.4E-06 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.3E-06 ± 4.4E-07 | | µCi/mL | CN |

## WELL LFW 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 Time: 12:50
Depth to water: 26.10 ft (7.96 m) below TOC pH: 4.7
Water elevation: 163.10 ft (49.71 m) msl Alkalinity: 0 mg/L
Sp. conductance: 16 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 12 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.4 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL LFW 27 collected on 08/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | 0.63 | J3 | µg/L | WA |
| 0 | Calcium | 235 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,980 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 3.4 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.12 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 7.2 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Magnesium | 280 | | µg/L | WA |
| 0 | Manganese | 3.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 157 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 220 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,390 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,260 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 2.9E-09 ± 6.2E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.2E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 9.0E-07 ± 4.2E-07 | | µCi/mL | CN |

## WELL LFW 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92
Depth to water: 27.90 ft (8.50 m) below TOC
Water elevation: 164.50 ft (50.14 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 16 gal
The well went dry during purging.

Time: 8:30
pH: 5.5
Alkalinity: 5 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | Specific conductance | 35 | JQ | µS/cm | WA |
| 0 | Specific conductance | 35 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 1 | Antimony | 4.2 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 12 | J3 | µg/L | WA |
| 0 | Barium | 12 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | J3 | µg/L | WA |
| 0 | Calcium | 2,280 | | µg/L | WA |

WELL LFW 28 collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 2,350 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,920 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 2.1 | J3 | µg/L | WA |
| 0 | Copper | 3.9 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.3 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | JQ | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 38 | | µg/L | WA |
| 0 | Iron | 39 | | µg/L | WA |
| 0 | Lead | 3.1 | J3 | µg/L | WA |
| 0 | Lead | 3.0 | J3 | µg/L | WA |
| 0 | Lindane | <0.057 | JQ | µg/L | WA |
| 0 | Magnesium | 429 | | µg/L | WA |
| 0 | Magnesium | 461 | | µg/L | WA |
| 0 | Manganese | 5.4 | | µg/L | WA |
| 0 | Manganese | 5.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | JQ | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | 4.1 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 402 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,240 | | µg/L | WA |
| 0 | Potassium | 1,480 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,100 | | µg/L | WA |
| 0 | Silica | 6,510 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | 1.6 | J3 | µg/L | WA |
| 0 | Sodium | 2,920 | | µg/L | WA |
| 0 | Sodium | 2,990 | | µg/L | WA |
| 0 | Sulfate | 1,740 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |

WELL LFW 28 collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 9.2E-07 ± 4.2E-07 | | µCi/mL | CN |

## WELL LFW 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 — Time: 11:45
Depth to water: 29.46 ft (8.98 m) below TOC — pH: 4.5
Water elevation: 166.84 ft (50.55 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | WA |
| 0 | Specific conductance | 17 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.5 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 490 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,110 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 1.4 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.1 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 11 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 454 | | µg/L | WA |
| 0 | Manganese | 3.6 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 549 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 524 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,890 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 987 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 2.1E-09 ± 7.0E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 5.4E-09 ± 9.1E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.5E-09 ± 5.9E-10 | | µCi/mL | CN |

WELL LFW 29 collected on 08/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tritium | 1.7E-08 ± 4.5E-07 | | µCi/mL | CN |

## WELL LFW 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 — Time: 11:05
Depth to water: 44.15 ft (13.46 m) below TOC — pH: 4.9
Water elevation: 165.85 ft (50.55 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 16 | JQ | µS/cm | WA |
| 1 | Aluminum | 26 | J3 | µg/L | WA |
| 2 | Antimony | 12 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.8 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 1.1 | J3 | µg/L | WA |
| 0 | Calcium | 998 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,650 | | µg/L | WA |
| 0 | Chloride | 1,640 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 1.6 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 2.7 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 5.4 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 548 | | µg/L | WA |
| 0 | Manganese | 3.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 455 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 642 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,140 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,060 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 6.2E-09 ± 9.6E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 9.9E-09 ± 1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.6E-09 ± 6.3E-10 | | µCi/mL | CN |
| 0 | Tritium | 2.0E-08 ± 4.6E-07 | | µCi/mL | CN |

# ANALYTICAL RESULTS

## WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 — Time: 10:30
Depth to water: 63.96 ft (19.50 m) below TOC — pH: 4.8
Water elevation: 185.34 ft (50.40 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | Specific conductance | 20 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 1 | Antimony | 4.7 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.6 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.75 | J3 | µg/L | WA |
| 0 | Calcium | 505 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,910 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 15 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 3.9 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 6.0 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.059 | | µg/L | WA |
| 0 | Magnesium | 352 | | µg/L | WA |
| 0 | Manganese | 2.7 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 317 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 742 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,180 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,660 | | µg/L | WA |
| 0 | Sulfate | 1,090 | | µg/L | WA |
| 0 | Sulfate | 1,100 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 3.1E-09 ± 7.1E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.3E-09 ± 9.6E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 1.4E-09 ± 2.5E-10 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.2E-08 ± 4.7E-07 | | µCi/mL | CN |

## WELL LFW 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 — Time: 9:50
Depth to water: 60.35 ft (18.39 m) below TOC — pH: 4.7
Water elevation: 163.35 ft (49.79 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 18 | JQ | µS/cm | WA |
| 0 | Aluminum | 19 | J3 | µg/L | WA |
| 2 | Antimony | 11 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.8 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 1.2 | J3 | µg/L | WA |
| 0 | Calcium | 297 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,830 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.5 | J3 | µg/L | WA |
| 0 | Copper | 1.8 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.2 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.12 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 6.2 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.059 | | µg/L | WA |
| 0 | Magnesium | 419 | | µg/L | WA |
| 0 | Manganese | 1.8 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.59 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 400 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 782 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,930 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,480 | | µg/L | WA |
| 0 | Sulfate | 294 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | 1.1 | J3 | µg/L | WA |
| 0 | Gross alpha | 4.8E-09 ± 8.3E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 9.0E-09 ± 1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.0E-09 ± 2.2E-10 | | µCi/mL | CN |
| 0 | Radium-228 | 3.8E-09 ± 8.0E-10 | | µCi/mL | CN |
| 0 | Tritium | 3.3E-08 ± 5.1E-07 | | µCi/mL | CN |

## WELL LFW 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 — Time: 9:15
Depth to water: 51.70 ft (15.76 m) below TOC — pH: 4.7
Water elevation: 162.00 ft (49.38 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 16 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |

WELL LFW 33 collected on 08/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Antimony | 8.4 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.38 | J3 | µg/L | WA |
| 0 | Calcium | 284 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,420 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 1.2 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 14 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 7.6 | J3 | µg/L | WA |
| 0 | Lead | 2.0 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 340 | | µg/L | WA |
| 0 | Manganese | 1.2 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 311 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 643 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,210 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,480 | | µg/L | WA |
| 0 | Sulfate | 581 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | 0.88 | J3 | µg/L | WA |
| 0 | Gross alpha | 2.4E-09 ± 7.3E-10 | | µCi/mL | CN |
| 0 | Gross alpha | 4.4E-09 ± 8.9E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.8E-09 ± 9.2E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 5.6E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.9E-09 ± 2.8E-10 | | µCi/mL | CN |
| 1 | Radium-228 | 4.6E-09 ± 6.7E-10 | | µCi/mL | CN |
| 0 | Tritium | 3.2E-06 ± 5.0E-07 | | µCi/mL | CN |

## WELL LFW 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 — Time: 8:35
Depth to water: 40.36 ft (12.30 m) below TOC — pH: 4.7
Water elevation: 160.64 ft (48.96 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 16 | JQ | µS/cm | WA |
| 0 | Aluminum | 21 | J3 | µg/L | WA |
| 2 | Antimony | 5.2 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 1.1 | J3 | µg/L | WA |
| 0 | Calcium | 360 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,780 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |

WELL LFW 34 collected on 08/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.2 | J3 | µg/L | WA |
| 0 | Copper | 2.7 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.3 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 31 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 395 | | µg/L | WA |
| 0 | Manganese | 2.4 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 298 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 829 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,250 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,580 | | µg/L | WA |
| 0 | Sulfate | 380 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | 0.97 | J3 | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.2E-09 ± 6.7E-10 | | µCi/mL | CN |
| 0 | Tritium | 3.1E-06 ± 5.1E-07 | | µCi/mL | CN |

## WELL LFW 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92 — Time: 9:05
Depth to water: 24.04 ft (7.33 m) below TOC — pH: 5.1
Water elevation: 159.66 ft (48.66 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 26 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.3 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 380 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,720 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL LFW 35 collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | JQ | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | 2.0 | J3 | µg/L | WA |
| 0 | Lindane | <0.057 | JQ | µg/L | WA |
| 0 | Magnesium | 649 | | µg/L | WA |
| 0 | Manganese | 3.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | JQ | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,050 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,460 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,530 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 1 | Total organic carbon | 5,210 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.0E-09 ± 5.8E-10 | | µCi/mL | CN |
| 0 | Tritium | 1.6E-06 ± 4.5E-07 | | µCi/mL | CN |

## WELL LFW 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92
Depth to water: 24.02 ft (7.32 m) below TOC
Water elevation: 148.38 ft (44.62 m) msl
Sp. conductance: 266 µS/cm
Water evacuated before sampling: 45 gal

Time: 14:05
pH: 6.2
Alkalinity: 85 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | WA |
| 0 | Specific conductance | 214 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.0 | J3 | µg/L | WA |
| 1 | Benzene | 3.3 | J | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 4,130 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 48,000 | | µg/L | WA |
| 1 | Chlorobenzene | 6.2 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 45 | | µg/L | WA |
| 1 | 1,2-Dichloroethane | 2.9 | J | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 5.6 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | 0.67 | J | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | JQ | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | 109 | | µg/L | WA |
| 2 | Iron | 10,800 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.057 | JQ | µg/L | WA |
| 0 | Magnesium | 9,470 | | µg/L | WA |
| 0 | Manganese | 11 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | JQ | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 108 | | µg/L | WA |
| 0 | Phenols | 5.0 | | µg/L | WA |
| 0 | Potassium | 318 | J3 | µg/L | WA |

WELL LFW 36 collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,130 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 17,600 | | µg/L | WA |
| 0 | Sulfate | 2,540 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 2 | Total organic carbon | 12,900 | | µg/L | WA |
| 2 | Total organic halogens | 197 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | 1.5 | J | µg/L | WA |
| 1 | Trichlorofluoromethane | 6.2 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 2.1E-09 ± 9.1E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.7E-09 ± 7.4E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.9E-09 ± 5.2E-10 | | µCi/mL | CN |
| 1 | Tritium | 1.2E-05 ± 7.8E-07 | | µCi/mL | CN |

## WELL LFW 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92
Depth to water: 26.55 ft (8.09 m) below TOC
Water elevation: 143.35 ft (43.69 m) msl
Sp. conductance: 153 µS/cm
Water evacuated before sampling: 36 gal

Time: 13:20
pH: 5.1
Alkalinity: 8 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | Specific conductance | 130 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 2 | Antimony | 6.0 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 11 | | µg/L | WA |
| 1 | Benzene | 4.2 | J | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 2,200 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 45,700 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 78 | | µg/L | WA |
| 1 | 1,2-Dichloroethane | 4.8 | J | µg/L | WA |
| 0 | 1,1-Dichloroethylene | 2.6 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 31 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | 0.69 | J | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | JQ | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 35 | | µg/L | WA |
| 0 | Lead | 2.0 | J3 | µg/L | WA |
| 0 | Lindane | <0.057 | JQ | µg/L | WA |
| 0 | Magnesium | 3,760 | | µg/L | WA |
| 0 | Manganese | 1.8 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | JQ | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 285 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 294 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 11,800 | | µg/L | WA |
| 0 | Silver | 1.2 | J3 | µg/L | WA |
| 0 | Sodium | 16,100 | | µg/L | WA |
| 0 | Sulfate | 3,900 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | 2.7 | J | µg/L | WA |
| 2 | Total organic carbon | 15,900 | | µg/L | WA |
| 2 | Total organic halogens | 514 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 13 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 9.3 | | µg/L | WA |

WELL LFW 37 collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Trichlorofluoromethane | 46 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 7.5E-09 ± 6.6E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 8.7E-09 ± 6.6E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 1 | Radium-228 | 4.8E-09 ± 6.2E-10 | | µCi/mL | CN |
| 1 | Tritium | 1.2E-05 ± 7.7E-07 | | µCi/mL | CN |

## WELL LFW 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92
Depth to water: 26.24 ft (8.00 m) below TOC
Water elevation: 144.08 ft (43.91 m) msl
Sp. conductance: 90 µS/cm
Water evacuated before sampling: 36 gal
Time: 12:40
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | WA |
| 0 | Specific conductance | 78 | JQ | µS/cm | WA |
| 0 | Specific conductance | 78 | JQ | µS/cm | WA |
| 1 | Aluminum | 27 | J3 | µg/L | WA |
| 2 | Antimony | 5.2 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 9.5 | | µg/L | WA |
| 2 | Benzene | 5.1 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 720 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 21,500 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 74 | | µg/L | WA |
| 2 | 1,2-Dichloroethane | 5.5 | | µg/L | WA |
| 1 | 1,1-Dichloroethylene | 3.5 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 66 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.23 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 76 | | µg/L | WA |
| 0 | Lead | 3.9 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |
| 0 | Magnesium | 983 | | µg/L | WA |
| 0 | Manganese | 9.0 | | µg/L | WA |
| 0 | Mercury | 0.38 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 51 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 561 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 11,400 | | µg/L | WA |
| 0 | Silver | 1.1 | J3 | µg/L | WA |
| 0 | Sodium | 8,160 | | µg/L | WA |
| 0 | Sulfate | 284 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | 2.1 | J | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 1,400 | | µg/L | WA |
| 2 | Total organic halogens | 691 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.53 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 17 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 21 | | µg/L | WA |
| 2 | Trichlorofluoromethane | 27 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 2.5E-09 ± 7.5E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.4E-09 ± 7.4E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.6E-09 ± 6.0E-10 | | µCi/mL | CN |
| 2 | Tritium | 3.9E-05 ± 1.3E-06 | | µCi/mL | CN |

## WELL LFW 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92
Depth to water: 27.22 ft (8.30 m) below TOC
Water elevation: 144.18 ft (43.95 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 34 gal
Time: 12:00
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | WA |
| 0 | Specific conductance | 28 | JQ | µS/cm | WA |
| 0 | Aluminum | 17 | J3 | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.6 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 308 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 3,160 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 2.9 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 43 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethylene | 9.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 17 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.10 | JQ | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 34 | | µg/L | WA |
| 0 | Lead | 2.3 | J3 | µg/L | WA |
| 0 | Lindane | <0.052 | JQ | µg/L | WA |
| 0 | Magnesium | 641 | | µg/L | WA |
| 0 | Manganese | 1.3 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.52 | JQ | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 843 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 98 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,380 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,380 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 1 | Tetrachloroethylene | 4.4 | J | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | 1,740 | | µg/L | WA |
| 2 | Total organic halogens | 200 | | µg/L | WA |
| 0 | Toxaphene | <1.0 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 93 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 14 | | µg/L | WA |
| 2 | Trichlorofluoromethane | 118 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.2E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.7E-09 ± 5.2E-10 | | µCi/mL | CN |
| 0 | Tritium | 3.2E-06 ± 5.1E-07 | | µCi/mL | CN |

## WELL LFW 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92
Depth to water: 27.06 ft (8.25 m) below TOC
Water elevation: 143.94 ft (43.87 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 33 gal
Time: 11:05
pH: 5.7
Alkalinity: 29 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | WA |
| 0 | Specific conductance | 46 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL LFW 40 collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Antimony | 6.3 | J3 | µg/L | WA |
| 0 | Arsenic | 3.9 | J3 | µg/L | WA |
| 0 | Barium | 4.8 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,580 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 5,190 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 28 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | 2.7 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 89 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.10 | JQ | µg/L | WA |
| 0 | Ethylbenzene | 14 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 12,900 | - | µg/L | WA |
| 2 | Iron | 13,900 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.052 | JQ | µg/L | WA |
| 0 | Magnesium | 2,150 | | µg/L | WA |
| 0 | Manganese | 7.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.52 | JQ | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 50 | | µg/L | WA |
| 0 | Phenols | 6.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,740 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 3,300 | | µg/L | WA |
| 0 | Sulfate | 680 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 6.5 | | µg/L | WA |
| 0 | Toluene | 11 | | µg/L | WA |
| 0 | Total organic carbon | 2,420 | | µg/L | WA |
| 2 | Total organic halogens | 233 | | µg/L | WA |
| 0 | Toxaphene | <1.0 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 23 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 14 | | µg/L | WA |
| 2 | Trichlorofluoromethane | 93 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | 3.8E-09 ± 6.4E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.5E-09 ± 6.7E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.2E-09 ± 5.7E-10 | | µCi/mL | CN |
| 0 | Tritium | 1.5E-08 ± 4.4E-07 | | µCi/mL | CN |

## WELL LFW 41

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92
Depth to water: 25.00 ft (7.62 m) below TOC
Water elevation: 145.50 ft (44.35 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 40 gal
Time: 10:30
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | Specific conductance | 12 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 240 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |

WELL LFW 41 collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,810 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.10 | JQ | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 9.0 | | µg/L | WA |
| 0 | Lead | 2.0 | J3 | µg/L | WA |
| 0 | Lindane | <0.052 | JQ | µg/L | WA |
| 0 | Magnesium | 283 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.52 | JQ | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 208 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,150 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,170 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 1 | Total organic halogens | 28 | | µg/L | WA |
| 0 | Toxaphene | <1.0 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 6.4 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 5.3 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | 2.4 | J | µg/L | WA |
| 0 | Trichloroethylene | 1.9 | J | µg/L | WA |
| 2 | Trichlorofluoromethane | 26 | | µg/L | WA |
| 2 | Trichlorofluoromethane | 25 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.6E-09 ± 2.9E-10 | | µCi/mL | CN |
| 0 | Radium-228 | 2.5E-09 ± 5.0E-10 | | µCi/mL | CN |
| 0 | Tritium | 1.4E-08 ± 4.4E-07 | | µCi/mL | CN |

## WELL LFW 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92
Depth to water: 22.28 ft (6.79 m) below TOC
Water elevation: 147.62 ft (45.06 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 46 gal
Time: 9:50
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 14 | JQ | µS/cm | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 1 | Antimony | 3.3 | J3 | µg/L | WA |

WELL LFW 42 collected on 09/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.8 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 305 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,020 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 2.1 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 1 | 1,1-Dichloroethane | 6.2 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.10 | JQ | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.051 | JQ | µg/L | WA |
| 0 | Magnesium | 327 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.51 | JQ | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 244 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 96 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,600 | | µg/L | WA |
| 0 | Silver | 1.4 | J3 | µg/L | WA |
| 0 | Sodium | 1,310 | | µg/L | WA |
| 0 | Sulfate | 286 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 1 | Tetrachloroethylene | 4.2 | J | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 2 | Total organic halogens | 82 | | µg/L | WA |
| 0 | Toxaphene | <1.0 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 56 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 1 | Trichloroethylene | 3.5 | J | µg/L | WA |
| 2 | Trichlorofluoromethane | 47 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.8E-09 ± 9.1E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.9E-09 ± 5.1E-10 | | µCi/mL | CN |
| 0 | Tritium | 2.1E-06 ± 4.7E-07 | | µCi/mL | CN |

## WELL LFW 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92
Depth to water: 37.00 ft (11.28 m) below TOC
Water elevation: 166.00 ft (50.60 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 200 gal

Time: 14 15
pH: 5.6
Alkalinity: 4 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.2 | JQ | pH | WA |
| 0 | pH | 7.2 | JQ | pH | WA |
| 0 | Specific conductance | 20 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.9 | | µg/L | WA |
| 0 | Barium | 5.1 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 2.1 | | µg/L | WA |

WELL LFW 43B collected on 09/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | 0.97 | J3 | µg/L | WA |
| 0 | Calcium | 1,760 | | µg/L | WA |
| 0 | Calcium | 1,830 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,400 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | 1.2 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.3 | JV | µg/L | WA |
| 0 | Dichloromethane | 4.4 | JV | µg/L | WA |
| 0 | Dichloromethane | 5.3 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.23 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 18 | | µg/L | WA |
| 0 | Iron | 25 | | µg/L | WA |
| 0 | Lead | 5.4 | J3 | µg/L | WA |
| 0 | Lead | 3.9 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |
| 0 | Magnesium | 288 | | µg/L | WA |
| 0 | Magnesium | 300 | | µg/L | WA |
| 0 | Manganese | 7.3 | | µg/L | WA |
| 0 | Manganese | 7.9 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 687 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 195 | J3 | µg/L | WA |
| 0 | Potassium | 259 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,300 | | µg/L | WA |
| 0 | Silica | 7,640 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,680 | | µg/L | WA |
| 0 | Sodium | 1,710 | | µg/L | WA |
| 0 | Sulfate | 490 | | µg/L | WA |
| 0 | Sulfate | 473 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 39,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,160 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL LFW 43B collected on 09/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.6E-09 ± 3.5E-10 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 7.1E-07 ± 4.0E-07 | | µCi/mL | CN |

## WELL LFW 43C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92 Time: 14:30
Depth to water: 36.41 ft (11.10 m) below TOC pH: 5.1
Water elevation: 166.19 ft (50.66 m) msl Alkalinity: 1 mg/L
Sp. conductance: 20 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | WA |
| 0 | Specific conductance | 14 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.2 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.80 | J3 | µg/L | WA |
| 0 | Calcium | 987 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,310 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 3.2 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 5.8 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 382 | | µg/L | WA |
| 0 | Manganese | 4.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 278 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 246 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,990 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 870 | | µg/L | WA |
| 0 | Sulfate | 296 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 36,000 | | µg/L | WA |
| 0 | Total organic carbon | 638 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |

WELL LFW 43C collected on 09/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.6E-06 ± 4.2E-07 | | µCi/mL | CN |

## WELL LFW 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92 Time: 15:05
Depth to water: 35.09 ft (10.70 m) below TOC pH: 4.9
Water elevation: 167.81 ft (51.15 m) msl Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | Specific conductance | 15 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 9.8 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.70 | J3 | µg/L | WA |
| 0 | Calcium | 695 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,560 | | µg/L | WA |
| 0 | Chloride | 1,560 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.1 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 12 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 546 | | µg/L | WA |
| 0 | Manganese | 9.4 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 417 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,270 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 841 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 32,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,480 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 4.0E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.3E-09 ± 5.3E-10 | | µCi/mL | CN |
| 0 | Tritium | 1.0E-06 ± 4.2E-07 | | µCi/mL | CN |

## WELL LFW 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92 — Time: 13:30
Depth to water: 15.12 ft (4.61 m) below TOC — pH: 4.6
Water elevation: 155.18 ft (47.30 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | Specific conductance | 17 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | B | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 421 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,880 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 3.8 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 18 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 364 | | µg/L | WA |
| 0 | Manganese | 0.80 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 330 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 642 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,470 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,220 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 29,000 | | µg/L | WA |
| 0 | Total organic carbon | 952 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.2E-06 ± 4.9E-07 | | µCi/mL | CN |

## WELL LFW 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92 — Time: 12:50
Depth to water: 13.79 ft (4.20 m) below TOC — pH: 4.8
Water elevation: 152.51 ft (46.49 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | Specific conductance | 17 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.2 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |

WELL LFW 45D collected on 06/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 581 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,480 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.3 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 1 | Iron | 152 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 396 | | µg/L | WA |
| 0 | Manganese | 2.6 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | <20 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 565 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,080 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,330 | | µg/L | WA |
| 0 | Sulfate | 897 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 29,000 | | µg/L | WA |
| 0 | Total organic carbon | 638 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.4E-06 ± 4.2E-07 | | µCi/mL | CN |

## WELL LFW 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92 — Time: 12:05
Depth to water: 13.87 ft (4.23 m) below TOC — pH: 5.3
Water elevation: 151.23 ft (46.10 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 104 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 82 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 11 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 7,910 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,160 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 3.1 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |

WELL LFW 46D collected on 09/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 38 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 3,550 | | µg/L | WA |
| 0 | Manganese | 3.6 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 332 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,030 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,740 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,150 | | µg/L | WA |
| 0 | Sulfate | 28,400 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 77,000 | | µg/L | WA |
| 0 | Total organic carbon | 743 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 4.4E-09 ± 8.7E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.1E-09 ± 7.9E-10 | | µCi/mL | CN |
| 0 | Tritium | 1.7E-06 ± 4.3E-07 | | µCi/mL | CN |

## WELL LFW 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92
Depth to water: 12.75 ft (3.89 m) below TOC
Water elevation: 148.65 ft (45.31 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 113 gal
Time: 10:40
pH: 5.2
Alkalinity: 4 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 28 | JQ | µS/cm | WA |
| 0 | Specific conductance | 28 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.6 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 950 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 3,210 | | µg/L | WA |
| 0 | Chloride | 3,200 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 27 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.22 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 8.5 | J3 | µg/L | WA |
| 1 | Lead | 13 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |
| 0 | Magnesium | 1,490 | | µg/L | WA |
| 0 | Manganese | 3.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |

WELL LFW 47C collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 287 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 431 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,480 | | µg/L | WA |
| 0 | Silver | 1.4 | J3 | µg/L | WA |
| 0 | Sodium | 2,160 | | µg/L | WA |
| 0 | Sulfate | 599 | | µg/L | WA |
| 0 | Sulfate | 578 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 12,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 16 | | µg/L | WA |
| 0 | Total organic halogens | 17 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 1.5E-08 ± 1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.0E-09 ± 4.9E-10 | | µCi/mL | CN |
| 0 | Tritium | 2.9E-06 ± 5.1E-07 | | µCi/mL | CN |

## WELL LFW 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92
Depth to water: 12.54 ft (3.82 m) below TOC
Water elevation: 149.16 ft (45.46 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 37 gal
Time: 10:20
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 23 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 16 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,730 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,510 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 2.1 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |

WELL LFW 47D collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 20 | V | µg/L | WA |
| 0 | Dichloromethane | 3.8 | JV | µg/L | WA |
| 0 | Dichloromethane | 12 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.3 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 20 | | µg/L | WA |
| 2 | Lead | 21 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 828 | | µg/L | WA |
| 0 | Manganese | 3.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 223 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,120 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 4,880 | | µg/L | WA |
| 0 | Silver | 2.3 | J3 | µg/L | WA |
| 0 | Sodium | 1,010 | | µg/L | WA |
| 0 | Sulfate | 4,600 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 6,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 5.5 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 7.0E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.1E-08 ± 4.4E-07 | | µCi/mL | CN |

## WELL LFW 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92
Depth to water: 20.52 ft (6.25 m) below TOC
Water elevation: 148.78 ft (45.35 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 123 gal

Time: 9:40
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 15 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 9.1 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 927 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,040 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |

WELL LFW 48C collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | 1.3 | J | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 20 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 30 | | µg/L | WA |
| 1 | Lead | 11 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 436 | | µg/L | WA |
| 0 | Manganese | 15 | | µg/L | WA |
| 1 | Mercury | 1.3 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 288 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 676 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,530 | | µg/L | WA |
| 0 | Silver | 1.3 | J3 | µg/L | WA |
| 0 | Sodium | 1,890 | | µg/L | WA |
| 0 | Sulfate | 290 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 3,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 1.5E-08 ± 1.3E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.8E-06 ± 5.1E-07 | | µCi/mL | CN |

## WELL LFW 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92
Depth to water: 20.35 ft (6.20 m) below TOC
Water elevation: 149.15 ft (45.48 m) msl
Sp. conductance: 419 µS/cm
Water evacuated before sampling: 37 gal

Time: 9:10
pH: 6.6
Alkalinity: 173 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | Specific conductance | 214 | JQ | µS/cm | WA |
| 0 | Arsenic | 14 | | µg/L | WA |
| 0 | Barium | 5.3 | J3 | µg/L | WA |
| 1 | Benzene | 2.9 | J | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 7,390 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 38,400 | | µg/L | WA |
| 2 | Chlorobenzene | 17 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 2 | Chloroethene (Vinyl chloride) | 85 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 50 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | 2.0 | J | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 23 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | 14 | | µg/L | WA |
| 0 | Fluoride | 205 | | µg/L | WA |
| 2 | Iron | 51,000 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL LFW 48D collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Magnesium | 11,900 | | µg/L | WA |
| 0 | Manganese | 21 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | <20 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,420 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,210 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 17,600 | | µg/L | WA |
| 0 | Sulfate | 328 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | 4.4 | J | µg/L | WA |
| 0 | Total dissolved solids | 102,000 | | µg/L | WA |
| 0 | Total organic carbon | 4,350 | | µg/L | WA |
| 2 | Total organic halogens | 354 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.7E-09 ± 5.6E-10 | | µCi/mL | CN |
| 0 | Tritium | 7.0E-06 ± 6.4E-07 | | µCi/mL | CN |

## WELL LFW 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92
Depth to water: 9.63 ft (2.94 m) below TOC
Water elevation: 146.77 ft (44.74 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 139 gal
Time: 13:40
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 30 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.6 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 855 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,510 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 22 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.10 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 45 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.052 | | µg/L | WA |
| 0 | Magnesium | 1,020 | | µg/L | WA |
| 0 | Manganese | 6.4 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.52 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 653 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 351 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,440 | | µg/L | WA |
| 0 | Silver | 2.0 | J3 | µg/L | WA |
| 0 | Sodium | 2,140 | | µg/L | WA |
| 0 | Sulfate | 471 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 14,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.0 | | µg/L | WA |

WELL LFW 55C collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,5-TP (Silvex) | <0.59 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.4E-06 ± 4.5E-07 | | µCi/mL | CN |

## WELL LFW 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92
Depth to water: 8.62 ft (2.63 m) below TOC
Water elevation: 146.78 ft (44.74 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 67 gal
Time: 13:15
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 23 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.8 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,070 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,460 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 5.0 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 147 | | µg/L | WA |
| 0 | Lead | 3.9 | J3 | µg/L | WA |
| 0 | Lindane | <0.054 | | µg/L | WA |
| 0 | Magnesium | 813 | | µg/L | WA |
| 0 | Manganese | 8.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.54 | | µg/L | WA |
| 0 | Nitrate as nitrogen | <20 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 704 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,730 | | µg/L | WA |
| 0 | Silver | 1.4 | J3 | µg/L | WA |
| 0 | Sodium | 1,370 | | µg/L | WA |
| 0 | Sulfate | 3,270 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 11,000 | | µg/L | WA |
| 0 | Total organic carbon | 720 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.1E-09 ± 7.9E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.3E-06 ± 4.9E-07 | | µCi/mL | CN |

## WELL LFW 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92 Time: 14:10
Depth to water: 12.80 ft (3.90 m) below TOC pH: 4.7
Water elevation: 145.30 ft (44.29 m) msl Alkalinity: 0 mg/L
Sp. conductance: 17 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 13 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.5 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 361 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,810 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 13 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 69 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.053 | | µg/L | WA |
| 0 | Magnesium | 345 | | µg/L | WA |
| 0 | Manganese | 1.9 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.53 | | µg/L | WA |
| 0 | Nitrate as nitrogen | <20 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 384 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 4,930 | | µg/L | WA |
| 0 | Silver | 1.1 | J3 | µg/L | WA |
| 0 | Sodium | 1,030 | | µg/L | WA |
| 0 | Sulfate | 799 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 6,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,290 | | µg/L | WA |
| 0 | Total organic halogens | 5.1 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.4E-06 ± 4.9E-07 | | µCi/mL | CN |

## WELL LFW 57B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92 Time: 12:25
Depth to water: 21.73 ft (6.62 m) below TOC pH: 3.9
Water elevation: 143.67 ft (43.79 m) msl Alkalinity: 0 mg/L
Sp. conductance: 61 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 198 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | WA |
| 0 | Specific conductance | 48 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.7 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |

WELL LFW 57B collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,110 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,870 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.7 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 5.8 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 27 | | µg/L | WA |
| 0 | Lead | 2.6 | J3 | µg/L | WA |
| 0 | Lindane | <0.054 | | µg/L | WA |
| 0 | Magnesium | 413 | | µg/L | WA |
| 0 | Manganese | 11 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.54 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 530 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 787 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,560 | | µg/L | WA |
| 0 | Silver | 1.4 | J3 | µg/L | WA |
| 0 | Sodium | 1,640 | | µg/L | WA |
| 0 | Sulfate | 10,400 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 25,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | 5.1E-09 ± 8.1E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 5.3E-09 ± 1.2E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.2E-09 ± 2.9E-10 | | µCi/mL | CN |
| 0 | Radium-228 | 2.7E-09 ± 5.5E-10 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL LFW 57C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92 Time: 11:30
Depth to water: 21.25 ft (6.48 m) below TOC pH: 4.9
Water elevation: 143.75 ft (43.82 m) msl Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 94 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | WA |
| 0 | Specific conductance | 24 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.3 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,020 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,550 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 2.0 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 7.6 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |

WELL LFW 57C collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 8.9 | J3 | µg/L | WA |
| 0 | Lead | 2.0 | J3 | µg/L | WA |
| 0 | Lindane | <0.054 | | µg/L | WA |
| 0 | Magnesium | 767 | | µg/L | WA |
| 0 | Manganese | 5.3 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.54 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 707 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 418 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,420 | | µg/L | WA |
| 0 | Silver | 3.3 | | µg/L | WA |
| 0 | Sodium | 1,870 | | µg/L | WA |
| 0 | Sulfate | 894 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 36,000 | | µg/L | WA |
| 0 | Total dissolved solids | 35,000 | | µg/L | WA |
| 0 | Total organic carbon | 641 | | µg/L | WA |
| 0 | Total organic halogens | 5.2 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.3E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.9E-06 ± 4.8E-07 | | µCi/mL | CN |

## WELL LFW 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92
Depth to water: 21.00 ft (6.40 m) below TOC
Water elevation: 143.60 ft (43.83 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 35 gal

Time: 11:50
pH: 5.5
Alkalinity: 6 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 40 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.1 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,090 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 5,600 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 27 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 3.8 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.10 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 21 | | µg/L | WA |
| 0 | Lead | 2.9 | J3 | µg/L | WA |
| 0 | Lindane | <0.052 | | µg/L | WA |
| 0 | Magnesium | 1,810 | | µg/L | WA |
| 0 | Manganese | 11 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.52 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 261 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 227 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 4,880 | | µg/L | WA |

WELL LFW 57D collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | 1.9 | J3 | µg/L | WA |
| 0 | Sodium | 4,840 | | µg/L | WA |
| 0 | Sulfate | 1,110 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 25,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,770 | | µg/L | WA |
| 2 | Total organic halogens | 90 | | µg/L | WA |
| 0 | Toxaphene | <1.0 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.5E-09 ± 7.2E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.6E-06 ± 5.0E-07 | | µCi/mL | CN |

## WELL LFW 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/92
Depth to water: 25.62 ft (7.81 m) below TOC
Water elevation: 141.96 ft (43.28 m) msl
Sp. conductance: 79 µS/cm
Water evacuated before sampling: 38 gal

Time: 10:10
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | WA |
| 0 | pH | 6.5 | JQ | pH | WA |
| 0 | Specific conductance | 67 | JQ | µS/cm | WA |
| 0 | Specific conductance | 67 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.6 | J3 | µg/L | WA |
| 1 | Benzene | 4.4 | J | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,130 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 36,400 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 83 | | µg/L | WA |
| 1 | 1,2-Dichloroethane | 3.2 | J | µg/L | WA |
| 0 | 1,1-Dichloroethylene | 2.7 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 60 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | 0.56 | JQ | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 115 | | µg/L | WA |
| 0 | Lead | 3.2 | J3 | µg/L | WA |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Magnesium | 1,060 | | µg/L | WA |
| 0 | Manganese | 19 | | µg/L | WA |
| 0 | Mercury | 0.25 | | µg/L | WA |
| 0 | Mercury | 0.21 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | Nitrate as nitrogen | <20 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 300 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 10,400 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 8,690 | | µg/L | WA |
| 0 | Sulfate | 272 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 1 | Tetrachloroethylene | 2.8 | J | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 43,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,870 | | µg/L | WA |
| 2 | Total organic halogens | 766 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 11 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 16 | | µg/L | WA |

WELL LFW 58D collected on 09/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Trichlorofluoromethane | 80 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.9E-09 ± 6.9E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 1 | Tritium | 1.0E-05 ± 7.3E-07 | | µCi/mL | CN |

## WELL LFW 59B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92 Time: 11:15
Depth to water: 25.28 ft (7.71 m) below TOC pH: 3.9
Water elevation: 142.62 ft (43.53 m) msl Alkalinity: 0 mg/L
Sp. conductance: 57 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 203 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | Specific conductance | 45 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.6 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 742 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,730 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.2 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 15 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 338 | | µg/L | WA |
| 0 | Manganese | 12 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 519 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 244 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,720 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,380 | | µg/L | WA |
| 0 | Sulfate | 8,900 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 35,000 | | µg/L | WA |
| 0 | Total organic carbon | 638 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | 4.1E-09 ± 6.2E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 2.0E-09 ± 3.9E-10 | | µCi/mL | CN |
| 0 | Radium-228 | 1.6E-09 ± 6.2E-10 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL LFW 59C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92 Time: 10:50
Depth to water: 24.68 ft (7.58 m) below TOC pH: 4.6
Water elevation: 142.42 ft (43.41 m) msl Alkalinity: 0 mg/L
Sp. conductance: 47 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 112 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 37 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.7 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 949 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 8,880 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 23 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | 2.0 | J | µg/L | WA |
| 0 | 1,1-Dichloroethylene | 1.5 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 32 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.12 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 24 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.060 | | µg/L | WA |
| 0 | Magnesium | 1,030 | | µg/L | WA |
| 0 | Manganese | 4.3 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.60 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 627 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 281 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,010 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 3,180 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | 1.3 | J | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 48,000 | | µg/L | WA |
| 0 | Total organic carbon | 638 | | µg/L | WA |
| 2 | Total organic halogens | 112 | | µg/L | WA |
| 0 | Toxaphene | <1.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 1.4 | J | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 11 | | µg/L | WA |
| 1 | Trichlorofluoromethane | 7.9 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 1 | Tritium | 1.5E-05 ± 8.2E-07 | | µCi/mL | CN |

## WELL LFW 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/92 Time: 11:45
Depth to water: 24.32 ft (7.41 m) below TOC pH: 4.7
Water elevation: 143.28 ft (43.67 m) msl Alkalinity: 0 mg/L
Sp. conductance: 40 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | WA |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Specific conductance | 31 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL LFW 59D collected on 09/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | 7.5 | J3 | µg/L | WA |
| 0 | Benzene | 1.2 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | 866 | | µg/L | WA |
| 0 | Carbon tetrachloride | 2.2 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 6,060 | | µg/L | GE |
| 0 | Chloride | 5,930 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | 2.3 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | 1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 34 | | µg/L | GE |
| 2 | 1,1-Dichloroethane | 35 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | 1.2 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | 2.9 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | 1.7 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 30 | | µg/L | GE |
| 0 | Dichloromethane | 43 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.23 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | WA |
| 0 | Iron | 66 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | WA |
| 0 | Lead | 2.4 | J3 | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | WA |
| 0 | Magnesium | 965 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | WA |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | 0.85 | | µg/L | WA |
| 0 | Mercury | 0.69 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | WA |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 126 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 80 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 90 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | WA |
| 0 | Potassium | 432 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | WA |
| 0 | Silica | 9,380 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | WA |
| 0 | Silver | 2.8 | J3 | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | WA |
| 0 | Sodium | 3,950 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 2.3 | | µg/L | WA |
| 0 | Tetrachloroethylene | 1.7 | J | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | GE |

WELL LFW 59D collected on 09/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 30,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 28,000 | V | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,210 | | µg/L | GE |
| 0 | Total organic carbon | 573 | | µg/L | WA |
| 2 | Total organic halogens | 233 | | µg/L | GE |
| 2 | Total organic halogens | 266 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.57 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 17 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 16 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 22 | | µg/L | GE |
| 2 | Trichloroethylene | 18 | | µg/L | WA |
| 2 | Trichlorofluoromethane | 25 | | µg/L | GE |
| 2 | Trichlorofluoromethane | 86 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.5E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.1E-09 ± 1.6E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 2.8E-09 ± 1.2E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 4.9E-06 ± 6.0E-07 | | µCi/mL | GP |
| 0 | Tritium | 4.2E-06 ± 5.6E-07 | | µCi/mL | CN |

## WELL LFW 59D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/92
Depth to water: 24.32 ft (7.41 m) below TOC
Water elevation: 143.28 ft (43.67 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 37 gal

Time: 11:45
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Specific conductance | 31 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.3 | | µg/L | GE |
| 0 | Barium | 7.3 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | 1.3 | J | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 774 | | µg/L | GE |
| 0 | Calcium | 845 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 6,100 | | µg/L | GE |
| 0 | Chloride | 5,680 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethane | 47 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | 1.7 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 30 | V | µg/L | WA |

WELL LFW 59D collected on 09/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 29 | | µg/L | GE |
| 0 | Iron | 32 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 5.3 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 956 | | µg/L | GE |
| 0 | Magnesium | 857 | | µg/L | WA |
| 0 | Manganese | 18 | | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | WA |
| 0 | Mercury | 0.79 | | µg/L | GE |
| 0 | Mercury | 0.82 | | µg/L | GE |
| 0 | Mercury | 0.72 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 166 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 80 | | µg/L | GE |
| 0 | Phenolic | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 446 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 10,900 | | µg/L | GE |
| 0 | Silica | 9,110 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 3.3 | | µg/L | WA |
| 0 | Sodium | 4,050 | | µg/L | GE |
| 0 | Sodium | 3,500 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 2.1 | J | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 35,000 | JQV | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,170 | | µg/L | GE |
| 0 | Total organic carbon | 897 | | µg/L | WA |
| 2 | Total organic halogens | 196 | | µg/L | GE |
| 2 | Total organic halogens | 184 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 21 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 20 | | µg/L | WA |
| 0 | Trichlorofluoromethane | 1.1 | | µg/L | GE |
| 2 | Trichlorofluoromethane | 99 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.0E-09 ± 7.7E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 4.9E-06 ± 6.0E-07 | | µCi/mL | GP |
| 0 | Tritium | 4.8E-06 ± 5.8E-07 | | µCi/mL | CN |

## WELL LFW 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/92
Depth to water: 18.78 ft (5.72 m) below TOC
Water elevation: 136.32 ft (42.16 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 9:30
pH: 5.6
Alkalinity: 6 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | Specific conductance | 16 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.8 | J3 | µg/L | WA |

WELL LFW 60D collected on 09/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 855 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,490 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.3 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 5.6 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.3 | JQ | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 41 | | µg/L | WA |
| 0 | Lead | 2.3 | J3 | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 215 | | µg/L | WA |
| 0 | Manganese | 18 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 327 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 239 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 4,920 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,720 | | µg/L | WA |
| 0 | Sulfate | 841 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | <1,000 | | µg/L | WA |
| 0 | Total organic carbon | 573 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | JQ | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 7.9E-07 ± 4.3E-07 | | µCi/mL | CN |

## WELL LFW 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92
Depth to water: 26.41 ft (8.05 m) below TOC
Water elevation: 141.89 ft (43.25 m) msl
Sp. conductance: 63 µS/cm
Water evacuated before sampling: 82 gal

Time: 8:50
pH: 5.8
Alkalinity: 19 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 8.2 | JQ | pH | WA |
| 0 | Specific conductance | 52 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.3 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,480 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 3,430 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 11 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL LFW 61C collected on 09/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | 1.5 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 24 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 5,500 | | µg/L | WA |
| 2 | Iron | 6,210 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Magnesium | 1,890 | | µg/L | WA |
| 0 | Manganese | 23 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | Nitrate as nitrogen | <20 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 623 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,900 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,430 | | µg/L | WA |
| 0 | Sulfate | 849 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | 2.3 | J | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 58,000 | | µg/L | WA |
| 0 | Total organic carbon | 533 | | µg/L | WA |
| 2 | Total organic halogens | 163 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.54 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 16 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 5.0 | | µg/L | WA |
| 2 | Trichlorofluoromethane | 77 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 4.5E-09 ± 8.1E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.9E-06 ± 4.4E-07 | | µCi/mL | CN |

## WELL LFW 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92
Depth to water: 24.50 ft (7.47 m) below TOC
Water elevation: 143.80 ft (43.83 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 35 gal

Time: 8:35
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | WA |
| 0 | Specific conductance | 16 | JQ | µS/cm | WA |
| 0 | Specific conductance | 16 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | B | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 1 | Cadmium | 2.7 | | µg/L | WA |
| 0 | Calcium | 387 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,850 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.4 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 21 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 1 | 1,1-Dichloroethylene | 3.8 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 17 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 9.1 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 496 | | µg/L | WA |
| 0 | Manganese | 0.35 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |

WELL LFW 61D collected on 09/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | <20 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 189 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,670 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,340 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 1 | Tetrachloroethylene | 2.9 | J | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 14,000 | | µg/L | WA |
| 0 | Total dissolved solids | 14,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 2 | Total organic halogens | 179 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 27 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 8.1 | | µg/L | WA |
| 2 | Trichlorofluoromethane | 128 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 5.8E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 2 | Tritium | 8.4E-05 ± 1.8E-08 | | µCi/mL | CN |

## WELL LFW 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92
Depth to water: 22.73 ft (6.93 m) below TOC
Water elevation: 142.17 ft (43.33 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 209 gal

Time: 10:10
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 29 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.8 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 957 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,870 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.1 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 2.7 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 14 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Magnesium | 334 | | µg/L | WA |
| 0 | Manganese | 21 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 523 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 321 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,240 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,480 | | µg/L | WA |
| 0 | Sulfate | 5,760 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 48,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 11 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |

WELL LFW 62B collected on 09/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | 6.0E-09 ± 8.1E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 1.2E-08 ± 1.2E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.8E-09 ± 4.0E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 3.0E-09 ± 5.3E-10 | | µCi/mL | CN |
| 0 | Radium-228 | 1.4E-09 ± 5.1E-10 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL LFW 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/92
Depth to water: 22.79 ft (6.95 m) below TOC
Water elevation: 142.71 ft (43.50 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 91 gal
Time: 9:40
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | Specific conductance | 30 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.1 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,230 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 3,680 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 1.3 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 1 | 1,1-Dichloroethane | 8.6 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 8.5 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 17 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 986 | | µg/L | WA |
| 0 | Manganese | 11 | | µg/L | WA |
| 0 | Mercury | 0.42 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,190 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 474 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,380 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,120 | | µg/L | WA |
| 0 | Sulfate | 271 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | 1.5 | J | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 45,000 | | µg/L | WA |
| 0 | Total organic carbon | 638 | | µg/L | WA |
| 2 | Total organic halogens | 68 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 7.5 | | µg/L | WA |
| 0 | Trichlorofluoromethane | 3.5 | J | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.3E-09 ± 5.6E-10 | | µCi/mL | CN |
| 1 | Tritium | 1.2E-05 ± 7.5E-07 | | µCi/mL | CN |

## WELL LFW 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/92
Depth to water: 21.14 ft (6.44 m) below TOC
Water elevation: 143.66 ft (43.79 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 10:45
pH: 4.7
Alkalinity: 2 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | WA |
| 0 | Specific conductance | 36 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.1 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 885 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 6,300 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 2 | 1,1-Dichloroethane | 39 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | 2.2 | J | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 30 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 28 | | µg/L | WA |
| 0 | Lead | 3.6 | J3 | µg/L | WA |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Magnesium | 702 | | µg/L | WA |
| 0 | Manganese | 20 | | µg/L | WA |
| 0 | Mercury | 0.27 | | µg/L | WA |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 281 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 90 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,140 | | µg/L | WA |
| 0 | Silver | 0.92 | J3 | µg/L | WA |
| 0 | Sodium | 2,640 | | µg/L | WA |
| 0 | Sulfate | 578 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 1 | Tetrachloroethylene | 2.7 | J | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | <1,000 | | µg/L | WA |
| 0 | Total organic carbon | 897 | | µg/L | WA |
| 2 | Total organic halogens | 299 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 24 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 11 | | µg/L | WA |
| 2 | Trichlorofluoromethane | 94 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 4.3E-08 ± 5.4E-07 | | µCi/mL | CN |

## WELL LRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: 42.15 ft (12.85 m) below TOC
Water elevation: 210.75 ft (64.24 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 65 gal
Time: 13:30
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 7.4 | | µg/L | GE |

# ANALYTICAL RESULTS

## WELL LRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 — Time: 13:45
Depth to water: 44.72 ft (13.63 m) below TOC — pH: 5.0
Water elevation: 211.96 ft (64.61 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Lead | 69 | | µg/L | GE |

## WELL LRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 — Time: 12:50
Depth to water: 46.92 ft (14.30 m) below TOC — pH: 4.7
Water elevation: 211.26 ft (64.40 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Lead | 17 | | µg/L | GE |

## WELL LRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92 — Time: 13:15
Depth to water: 45.13 ft (13.76 m) below TOC — pH: 4.8
Water elevation: 210.47 ft (64.15 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |

## WELL LSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92 — Time: 12:20
Depth to water: 21.07 ft (6.42 m) below TOC — pH: 4.6
Water elevation: 211.63 ft (64.51 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 4.2 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 3.2E-03 ± 4.3E-05 | | µCi/mL | EM |
| 2 | Tritium | 3.0E-03 ± 8.1E-06 | | µCi/mL | GE |

## WELL LSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92 — Time: 13:05
Depth to water: 22.54 ft (6.87 m) below TOC — pH: 4.3
Water elevation: 212.66 ft (64.82 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Lead | 9.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.3E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL LSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92 — Time: 13:50
Depth to water: 17.31 ft (5.28 m) below TOC — pH: 4.6
Water elevation: 219.09 ft (66.78 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Lead | 7.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL LSB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92 — Time: 13:25
Depth to water: 13.50 ft (4.11 m) below TOC — pH: 4.4
Water elevation: 218.00 ft (66.45 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 6.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total activity | 2.4E-03 ± 3.8E-05 | | µCi/mL | EM |
| 2 | Tritium | 2.3E-03 ± 7.0E-06 | | µCi/mL | GE |

## WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 — Time: 7:45
Depth to water: 105.03 ft (32.01 m) below TOC — pH: 5.9
Water elevation: 223.37 ft (68.08 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 16 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | 1.4 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Manganese | 3.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 2.6 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 18 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.2E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 — Time: 7:30
Depth to water: 126.81 ft (38.65 m) below TOC — pH: 5.2
Water elevation: 223.59 ft (68.15 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 14 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 2 | Carbon tetrachloride | 8.6 | | µg/L | GE |
| 2 | Carbon tetrachloride | 8.0 | | µg/L | GE |
| 2 | Carbon tetrachloride | 8.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 13 | J2 | µg/L | GE |
| 0 | Dichloromethane | 12 | J2 | µg/L | GE |
| 0 | Dichloromethane | 12 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Manganese | 5.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 51 | | µg/L | GE |
| 2 | Tetrachloroethylene | 48 | | µg/L | GE |
| 2 | Tetrachloroethylene | 48 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 2 | Total organic halogens | 67 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 195 | | µg/L | GE |
| 2 | Trichloroethylene | 187 | | µg/L | GE |
| 2 | Trichloroethylene | 187 | | µg/L | GE |

WELL MCB 4 collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Gross alpha | 2.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 2.7E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 — Time: 14:30
Depth to water: 115.01 ft (35.06 m) below TOC — pH: 6.8
Water elevation: 224.59 ft (68.46 m) msl — Alkalinity: 18 mg/L
Sp. conductance: 47 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Aluminum | 74 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 2 | Carbon tetrachloride | 5.5 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Manganese | 2.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 23 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 51 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 146 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.8E-07 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 9.4E-07 ± 5.0E-07 | | µCi/mL | GE |

## WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 — Time: 8:00
Depth to water: 144.45 ft (44.03 m) below TOC — pH: 11.8
Water elevation: 194.65 ft (59.33 m) msl — Alkalinity: 1275 mg/L
Sp. conductance: 1900 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Aluminum | 668 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |

WELL MCB 5C collected on 08/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 17 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Lithium | 610 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 24 | | µg/L | GE |
| 0 | Toluene | 43 | | µg/L | GE |
| 2 | Total organic halogens | 89 | | µg/L | GE |
| 2 | Total organic halogens | 93 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 134 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Gross alpha | 3.7E-09 ± 1.2E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 4.7E-08 ± 1.8E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.1E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: 113.15 ft (34.49 m) below TOC
Water elevation: 216.95 ft (66.74 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.
Time: 7:15
pH: 6.5
Alkalinity: 11 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | 1.1 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Manganese | 18 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.6 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 6.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.6E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92
Depth to water: 136.68 ft (41.66 m) below TOC
Water elevation: 195.42 ft (59.56 m) msl
Sp. conductance: 66 µS/cm
Water evacuated before sampling: 80 gal
Time: 14:00
pH: 6.3
Alkalinity: 18 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Aluminum | 32 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lithium | 5.4 | | µg/L | GE |
| 1 | Manganese | 26 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.4 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.9E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: 143.74 ft (43.81 m) below TOC
Water elevation: 193.96 ft (59.12 m) msl
Sp. conductance: 3040 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.
Time: 7:40
pH: 12.0
Alkalinity: 755 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Aluminum | 4,690 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | 4.4 | | µg/L | GE |
| 2 | Lithium | 135 | | µg/L | GE |
| 0 | Manganese | <8.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <12 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 27 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 2 | Total organic halogens | 54 | | µg/L | GE |

WELL MCB 7C collected on 06/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 82 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 3.5E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.0E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.9E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MGA 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 12:15
The well was dry.

## WELL MGC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 10:30
Depth to water: 54.00 ft (16.46 m) below TOC pH: 5.3
Water elevation: 230.10 ft (70.14 m) msl
Sp. conductance: 204 µS/cm Water temperature: 21.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 5.9E-09 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.8E-09 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Total activity | 2.1E-02 ± 2.4E-04 | | µCi/mL | EM |
| 2 | Tritium | 2.1E-02 ± 2.1E-05 | | µCi/mL | GE |

## WELL MGC 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 10:45
The well was dry.

## WELL MGC 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 13:55
Depth to water: 54.00 ft (16.46 m) below TOC pH: 5.1
Water elevation: 232.60 ft (70.90 m) msl
Sp. conductance: 34 µS/cm Water temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 1.2E-08 ± 3.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.7E-08 ± 2.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 8.0E-05 ± 1.4E-06 | | µCi/mL | GE |

## WELL MGC 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 13:25
The well was dry.

## WELL MGC 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 13:15
The well was dry.

## WELL MGC 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 12:25
Depth to water: 61.00 ft (18.59 m) below TOC pH: 5.4
Water elevation: 235.80 ft (71.81 m) msl
Sp. conductance: 32 µS/cm Water temperature: 22.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 1.2E-08 ± 4.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.5E-08 ± 3.8E-09 | | µCi/mL | GE |
| 0 | Total activity | 1.8E-02 ± 2.2E-04 | | µCi/mL | EM |
| 2 | Tritium | 1.8E-02 ± 2.0E-05 | | µCi/mL | GE |

## WELL MGE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 14:35
Depth to water: 54.70 ft (16.67 m) below TOC pH: 5.8
Water elevation: 228.90 ft (69.77 m) msl
Sp. conductance: 81 µS/cm Water temperature: 24.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 1.0E-08 ± 2.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-08 ± 2.8E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.7E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL MGE 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 13:40
The well was dry.

## WELL MGE 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 13:35
The well was dry.

## WELL MGE 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 13:00
The well was dry.

## WELL MGG 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 Time: 14:20
Depth to water: 52.50 ft (16.00 m) below TOC pH: 5.2
Water elevation: 231.50 ft (70.56 m) msl
Sp. conductance: 60 µS/cm Water temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 1.3E-08 ± 3.0E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 2.8E-08 ± 3.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.7E-03 ± 6.0E-06 | | µCi/mL | GE |
| 2 | Tritium | 1.7E-03 ± 6.1E-06 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL MGG 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 — Time: 14:10
Depth to water: 54.00 ft (16.46 m) below TOC — pH: 6.1
Water elevation: 226.00 ft (68.89 m) msl
Sp. conductance: 189 µS/cm — Water temperature: 23.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 2.9E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.9E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.8E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MGG 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 — Time: 13:45
The well was dry.

## WELL MGG 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 — Time: 12:45
Depth to water: 40.00 ft (12.19 m) below TOC — pH: 5.2
Water elevation: 236.50 ft (72.09 m) msl
Sp. conductance: 83 µS/cm — Water temperature: 24.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 5.0E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 5.5E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.0E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.0E-09 ± 2.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 5.4E-05 ± 1.1E-06 | | µCi/mL | GE |

## WELL MGG 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 — Time: 12:35
Depth to water: 53.00 ft (16.15 m) below TOC — pH: 5.9
Water elevation: 236.20 ft (72.60 m) msl
Sp. conductance: 46 µS/cm — Water temperature: 22.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Gross alpha | 4.4E-08 ± 6.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 4.2E-08 ± 3.9E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 3.5E-08 ± 4.2E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 3.1E-08 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Total activity | 3.2E-02 ± 2.9E-04 | | µCi/mL | EM |
| 2 | Tritium | 2.7E-02 ± 2.4E-05 | | µCi/mL | GE |

## WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92 — Time: 10:00
Depth to water: 146.97 ft (44.80 m) below TOC — pH: 5.2
Water elevation: 207.83 ft (63.35 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 183 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Specific conductance | 26 | JQ | µS/cm | WA |
| 0 | Specific conductance | 26 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acetone | <500 | | µg/L | GE |
| 0 | Acetone | <10 | | µg/L | WA |

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acetone | <50 | | µg/L | WA |
| 0 | Acetone | <50 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <5.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <100 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <100 | | µg/L | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | Acrolein | <100 | | µg/L | GE |
| 0 | Acrolein | <10 | | µg/L | WA |
| 0 | Acrolein | <50 | | µg/L | WA |
| 0 | Acrolein | <50 | | µg/L | WA |
| 0 | Acrylonitrile | <100 | | µg/L | GE |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Acrylonitrile | <50 | | µg/L | WA |
| 0 | Acrylonitrile | <50 | | µg/L | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.054 | | µg/L | WA |
| 0 | Allyl chloride | <250 | | µg/L | GE |
| 0 | Allyl chloride | <100 | | µg/L | WA |
| 0 | Allyl chloride | <100 | | µg/L | WA |
| 0 | Allyl chloride | <100 | | µg/L | WA |
| 0 | Allyl chloride | <100 | | µg/L | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 1 | Aluminum | 25 | J3 | µg/L | WA |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 2 | Antimony | 8.1 | J3 | µg/L | WA |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.7 | | µg/L | GE |
| 0 | Barium | 8.1 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Benzene | <25 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.054 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.054 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.054 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzoic acid | <55 | | µg/L | WA |
| 0 | Benzoic acid | <55 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <50 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 9.4 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 16 | V | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <25 | | µg/L | WA |
| 0 | Bromodichloromethane | <25 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <25 | | µg/L | WA |
| 0 | Bromoform | <25 | | µg/L | WA |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromomethane | <50 | | µg/L | WA |
| 0 | Bromomethane | <50 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | 3.6 | J | µg/L | WA |
| 0 | Butylbenzyl phthalate | 3.3 | J | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.88 | J3 | µg/L | WA |
| 0 | Carbon disulfide | <5.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |
| 0 | Carbon disulfide | <25 | | µg/L | WA |
| 0 | Carbon disulfide | <25 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <25 | | µg/L | WA |
| 0 | Carbon tetrachloride | <25 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.54 | | µg/L | WA |
| 0 | Chloride | 1,950 | | µg/L | GE |
| 0 | Chloride | 2,390 | | µg/L | WA |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <25 | | µg/L | WA |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <50 | | µg/L | WA |
| 0 | Chloroethane | <50 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <50 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <50 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <25 | | µg/L | WA |
| 0 | Chloroform | <25 | | µg/L | WA |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <50 | | µg/L | WA |
| 0 | Chloromethane | <50 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Chloroprene | <1,000 | | µg/L | GE |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 5.2 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.11 | | µg/L | WA |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.11 | | µg/L | WA |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.11 | | µg/L | WA |
| 0 | Dialiate | <10 | J1 | µg/L | GE |
| 0 | Dialiate | <11 | | µg/L | WA |
| 0 | Dialiate | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <25 | | µg/L | WA |

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dibromochloromethane | <25 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <100 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <100 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <100 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <100 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <100 | | µg/L | WA |
| 0 | Dibromomethane | <5.0 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | WA |
| 0 | Dibromomethane | <50 | | µg/L | WA |
| 0 | Dibromomethane | <50 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | 1.1 | J | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <150 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <500 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <500 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <5.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <50 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <50 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <25 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <25 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <25 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <25 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <25 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <25 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <25 | | µg/L | WA |
| 0 | Dichloromethane | 20 | J2 | µg/L | GE |
| 0 | Dichloromethane | 5.5 | V | µg/L | WA |
| 0 | Dichloromethane | 45 | V | µg/L | WA |
| 0 | Dichloromethane | 54 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <25 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <25 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <25 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <25 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <25 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <25 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.11 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.054 | | µg/L | WA |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.11 | | µg/L | WA |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.11 | | µg/L | WA |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <25 | | µg/L | WA |
| 0 | Ethylbenzene | <25 | | µg/L | WA |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.054 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.054 | | µg/L | WA |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00030 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00010 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | 2-Hexanone | <5.0 | | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | 2-Hexanone | <50 | | µg/L | WA |
| 0 | 2-Hexanone | <50 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Iodomethane (Methyl Iodide) | <10 | | µg/L | WA |
| 0 | Iodomethane (Methyl Iodide) | <50 | | µg/L | WA |
| 0 | Iodomethane (Methyl Iodide) | <50 | | µg/L | WA |
| 0 | Iodomethane (Methyl Iodide) | <75 | | µg/L | GE |
| 0 | Isobutyl alcohol | <500 | | µg/L | GE |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isobutyl alcohol | <100 | | µg/L | WA |
| 0 | Isobutyl alcohol | <100 | | µg/L | WA |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isodrin | <0.11 | | µg/L | WA |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isophorone | <11 | | µg/L | WA |

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Kepone | <0.11 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.054 | | µg/L | WA |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methacrylonitrile | <250 | | µg/L | GE |
| 0 | Methacrylonitrile | <20 | | µg/L | WA |
| 0 | Methacrylonitrile | <100 | | µg/L | WA |
| 0 | Methacrylonitrile | <100 | | µg/L | WA |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methapyrilene | <11 | | µg/L | WA |
| 0 | Methapyrilene | <11 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.54 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <5.0 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl ethyl ketone | <50 | | µg/L | WA |
| 0 | Methyl ethyl ketone | <50 | | µg/L | WA |
| 0 | Methyl isobutyl ketone | <5.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <50 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <50 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,170 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,130 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.54 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.54 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.54 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.54 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.54 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00060 | | µg/L | WA |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00050 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Propionitrile | <1,000 | | µg/L | GE |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Propionitrile | <250 | | µg/L | WA |
| 0 | Propionitrile | <250 | | µg/L | WA |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,210 | | µg/L | GE |
| 0 | Sodium | 2,190 | | µg/L | WA |
| 0 | Styrene | <5.0 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Styrene | <25 | | µg/L | WA |
| 0 | Styrene | <25 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | Y | µg/L | WA |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00050 | | µg/L | WA |

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00060 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00050 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <50 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <50 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <25 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <25 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <25 | | µg/L | WA |
| 0 | Tetrachloroethylene | <25 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Toluene | <25 | | µg/L | WA |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 2 | Total organic halogens | 185 | | µg/L | GE |
| 2 | Total organic halogens | 203 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <25 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <25 | | µg/L | WA |
| 2 | Trichloroethylene | 426 | | µg/L | GE |
| 2 | Trichloroethylene | 464 | | µg/L | WA |
| 2 | Trichloroethylene | 447 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <25 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <25 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <5.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,2,3-Trichloropropane | <50 | | µg/L | WA |
| 0 | 1,2,3-Trichloropropane | <50 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vinyl acetate | <5.0 | | µg/L | GE |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Vinyl acetate | <50 | | µg/L | WA |
| 0 | Vinyl acetate | <50 | | µg/L | WA |
| 0 | Xylenes | <10 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Xylenes | <25 | | µg/L | WA |
| 0 | Xylenes | <25 | | µg/L | WA |
| 0 | Zinc | 7.1 | | µg/L | GE |
| 0 | Zinc | 6.3 | | µg/L | WA |
| 0 | Gross alpha | <9.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 9.2E-10 ± 5.4E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 5.8E-10 ± 4.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.1E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 1.4E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL MSB 1B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 146.97 ft (44.80 m) below TOC
Water elevation: 207.83 ft (63.35 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 183 gal

Time: 10:00
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Specific conductance | 25 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <10 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <10 | | µg/L | WA |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.054 | | µg/L | WA |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 1 | Antimony | 3.3 | J3 | µg/L | WA |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.7 | | µg/L | GE |
| 0 | Barium | 6.7 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.054 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.054 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.054 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzoic acid | <55 | | µg/L | WA |
| 0 | Benzoic acid | <55 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 24 | V | µg/L | WA |

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bis(2-ethylhexyl) phthalate | 16 | V | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 1.8 | J3 | µg/L | WA |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.54 | | µg/L | WA |
| 0 | Chloride | 1,970 | | µg/L | GE |
| 0 | Chloride | 2,350 | | µg/L | WA |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | 1.6 | J3 | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 2.1 | J3 | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.11 | | µg/L | WA |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.11 | | µg/L | WA |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.11 | | µg/L | WA |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Diallate | <11 | | µg/L | WA |
| 0 | Diallate | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Di-n-butyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <11 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | Dichloromethane | 4.9 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.11 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.054 | | µg/L | WA |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.11 | | µg/L | WA |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.11 | | µg/L | WA |

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.054 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.054 | | µg/L | WA |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00020 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00010 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Iodomethane (Methyl iodide) | <10 | | µg/L | WA |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <0.11 | | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | <0.11 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.054 | | µg/L | WA |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <20 | | µg/L | WA |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methapyrilene | <11 | | µg/L | WA |
| 0 | Methapyrilene | <11 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.54 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <11 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,250 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,150 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.54 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.54 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.54 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.54 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.54 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.0013 | | µg/L | WA |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00070 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,190 | | µg/L | GE |
| 0 | Sodium | 2,240 | | µg/L | WA |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | Y | µg/L | WA |
| 0 | Sulfide | <100 | Y | µg/L | WA |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00080 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.0011 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00080 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 526 | | µg/L | WA |
| 2 | Total organic halogens | 215 | | µg/L | GE |
| 2 | Total organic halogens | 103 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 512 | | µg/L | GE |
| 2 | Trichloroethylene | 449 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |

WELL MSB 1B collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 6.6 | | µg/L | GE |
| 0 | Zinc | 13 | | µg/L | WA |
| 0 | Gross alpha | 1.1E-09 ± 5.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.5E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 7.2E-10 ± 3.7E-10 | | µCi/mL | TM |
| 0 | Radium-226 | <8.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: 139.81 ft (42.61 m) below TOC
Water elevation: 215.29 ft (65.62 m) msl
Sp. conductance: 793 µS/cm
Water evacuated before sampling: 30 gal
The well went dry during purging.

Time: 6:50
pH: 11.5
Alkalinity: 175 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 850 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 1,910 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 1 | Antimony | 4.6 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 111 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 3,870 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | 1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |

WELL MSB 1C collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/l | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |

WELL MSB 1C collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 15,000 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 48,900 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 7,780 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 326 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 2 | Thallium | 4.3 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | 4.7 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 195 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 77 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | 14 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

WELL MSB 1C collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nonvolatile beta | 1.0E-08 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 Time: 7:10
Depth to water: 137.89 ft (42.03 m) below TOC pH: 6.3
Water elevation: 217.01 ft (66.15 m) msl Alkalinity: 19 mg/L
Sp. conductance: 181 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | Specific conductance | 140 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | JQ1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | JQ1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | JQ1 | µg/L | GE |
| 0 | Aniline | <10 | JQ1 | µg/L | GE |
| 0 | Anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | JQ1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 30 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | JQ1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 3,430 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | JQ1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | JQ1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ1 | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 6.8 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ1 | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ1 | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ1 | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | JQ1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | JQ1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | JQ1 | µg/L | GE |

WELL MSB 1CC collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | 2.8 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ1 | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ1 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | Dimethoate | <10 | JQ1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | JQ1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | JQ1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | JQ1 | µg/L | GE |
| 0 | Diphenylamine | <10 | JQ1 | µg/L | GE |
| 0 | Disulfoton | <10 | JQ1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | JQ1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | JQ1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | JQ1 | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Fluorene | <10 | JQ1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachloropropene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | JQ1 | µg/L | GE |
| 0 | Isophorone | <10 | JQ1 | µg/L | GE |
| 0 | Isosafrole | <10 | JQ1 | µg/L | GE |
| 0 | Kepone | <10 | JQ1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 2 | Manganese | 68 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | JQ1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ1 | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | JQ1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | JQ1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | JQ1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | JQ1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | 14 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 12,200 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | JQ1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | JQ1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | JQ1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ1 | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | JQ1 | µg/L | GE |

WELL MSB 1CC collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosopiperidine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | JQ1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | JQ1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | JQ1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | JQ1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ1 | µg/L | GE |
| 0 | Phenacetin | <10 | JQ1 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ1 | µg/L | GE |
| 0 | Phenol | <10 | JQ1 | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | JQ1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | JQ1 | µg/L | GE |
| 0 | Pronamid | <10 | JQ1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Pyridine | <10 | JQ1 | µg/L | GE |
| 0 | Safrole | <10 | JQ1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 16,800 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 1,040 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | JQ1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 41 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ1 | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | JQ1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | JQ1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 33 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 48 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | JQ1 | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ1 | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <6.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 290 | | µg/L | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 9.0E-10 | | µCi/mL | GE |

## WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92 Time: 10:25
Depth to water: 125.09 ft (38.13 m) below TOC pH: 5.5
Water elevation: 229.81 ft (70.05 m) msl Alkalinity: 4 mg/L
Sp. conductance: 70 µS/cm Water temperature: 23.0°C
Water evacuated before sampling: 83 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 1D collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 14 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 3,420 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 17 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |

WELL MSB 1D collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 1 | Manganese | 46 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,000 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |

WELL MSB 1D collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,220 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.5 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 432 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 17 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 52 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 1.1E-09 | | µCi/mL | GE |

## WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92
Depth to water: 144.95 ft (44.18 m) below TOC
Water elevation: 209.65 ft (63.90 m) msl
Sp. conductance: 2560 µS/cm
Water evacuated before sampling: 39 gal
The well went dry during purging.

Time: 9:00
pH: 12.0
Alkalinity: 590 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 1,820 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <2,500 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <25 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <500 | | µg/L | GE |
| 0 | Acrylonitrile | <500 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <1,250 | | µg/L | GE |
| 2 | Aluminum | 1,600 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 1 | Antimony | 3.1 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |

WELL MSB 2B collected on 08/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 198 | | µg/L | GE |
| 0 | Benzene | <25 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <250 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <25 | | µg/L | GE |
| 0 | Bromoform | <25 | | µg/L | GE |
| 0 | Bromomethane | <25 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <25 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,410 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <25 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <25 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <25 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <25 | | µg/L | GE |
| 0 | Chloromethane | <25 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <5,000 | | µg/L | GE |
| 0 | Chromium | 8.8 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.2 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <25 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <25 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <500 | | µg/L | GE |
| 0 | Dibromomethane | <25 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <750 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <25 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <25 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <25 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 2B collected on 08/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethylene | <25 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <25 | | µg/L | GE |
| 0 | Dichloromethane | 168 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <25 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <25 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <25 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <25 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <25 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <375 | | µg/L | GE |
| 0 | Isobutyl alcohol | <2,500 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | 4.4 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <1,250 | | µg/L | GE |

WELL MSB 2B collected on 08/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <25 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <25 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,020 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <5,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |

WELL MSB 2B collected on 08/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | 2.5 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 86,100 | | µg/L | GE |
| 0 | Styrene | <25 | | µg/L | GE |
| 0 | Sulfate | 5,550 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <25 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <25 | | µg/L | GE |
| 2 | Tetrachloroethylene | 3,060 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <25 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 1 | Total organic carbon | 7,000 | | µg/L | GE |
| 2 | Total organic halogens | 4,180 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <25 | | µg/L | GE |
| 2 | Trichloroethylene | 8,310 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <25 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <25 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | 9.8 | | µg/L | GE |
| 0 | Vinyl acetate | <25 | | µg/L | GE |
| 0 | Xylenes | <50 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 1 | Nonvolatile beta | 2.5E-08 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 6.0E-10 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.5E-09 ± 7.0E-10 | | µCi/mL | GE |

## WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92
Depth to water: 138.20 ft (42.12 m) below TOC
Water elevation: 216.50 ft (65.99 m) msl
Sp. conductance: 123 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 9:20
pH: 11.7
Alkalinity: 250 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 1,200 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100,000 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1,000 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20,000 | | µg/L | GE |
| 0 | Acrylonitrile | <20,000 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50,000 | | µg/L | GE |
| 2 | Aluminum | 2,330 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 93 | | µg/L | GE |
| 0 | Benzene | <1,000 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |

WELL MSB 2C collected on 08/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10,000 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1,000 | | µg/L | GE |
| 0 | Bromoform | <1,000 | | µg/L | GE |
| 0 | Bromomethane | <1,000 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1,000 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,630 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1,000 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1,000 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1,000 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1,000 | | µg/L | GE |
| 0 | Chloromethane | <1,000 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200,000 | | µg/L | GE |
| 0 | Chromium | 7.6 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1,000 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1,000 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20,000 | | µg/L | GE |
| 0 | Dibromomethane | <1,000 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30,000 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1,000 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1,000 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1,000 | | µg/L | GE |
| 0 | Dichloromethane | 7,550 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1,000 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1,000 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1,000 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1,000 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |

WELL MSB 2C collected on 06/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1,000 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15,000 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100,000 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 1 | Lead | 14 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50,000 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1,000 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1,000 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 11,100 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 43,000 | | µg/L | GE |
| 0 | Styrene | <1,000 | | µg/L | GE |
| 0 | Sulfate | 8,430 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |

WELL MSB 2C collected on 06/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 11,500 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | 2.9 | | µg/L | GE |
| 0 | Toluene | <1,000 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | 2,000 | | µg/L | GE |
| 2 | Total organic halogens | 16,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.080 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1,000 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1,000 | | µg/L | GE |
| 2 | Trichloroethylene | 16,200 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1,000 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.080 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1,000 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1,000 | | µg/L | GE |
| 0 | Xylenes | <2,000 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Nonvolatile beta | 2.0E-08 ± 1.6E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.2E-09 ± 1.1E-09 | | µCi/mL | GE |

## WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 11:55
Depth to water: 123.48 ft (37.64 m) below TOC pH: 4.4
Water elevation: 230.32 ft (70.20 m) msl Alkalinity: 0 mg/L
Sp. conductance: 67 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.8 | JQ | pH | GE |
| 0 | Specific conductance | 55 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <2,500 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <25 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <500 | | µg/L | GE |
| 0 | Acrylonitrile | <500 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <1,250 | | µg/L | GE |
| 2 | Aluminum | 217 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 28 | | µg/L | GE |
| 0 | Benzene | <25 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <250 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <25 | | µg/L | GE |
| 0 | Bromoform | <25 | | µg/L | GE |
| 0 | Bromomethane | <25 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <25 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,560 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |

WELL MSB 2D collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlorobenzene | <25 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <25 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <25 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <25 | | µg/L | GE |
| 0 | Chloromethane | <25 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <5,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 5.5 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <25 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <25 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <500 | | µg/L | GE |
| 0 | Dibromomethane | <25 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <750 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <25 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <25 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <25 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <25 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <25 | | µg/L | GE |
| 0 | Dichloromethane | 82 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <25 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <25 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <25 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <25 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <25 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <375 | | µg/L | GE |
| 0 | Isobutyl alcohol | <2,500 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |

WELL MSB 2D collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 1 | Manganese | 31 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <1,250 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <25 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <25 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,400 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <5,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,860 | | µg/L | GE |
| 0 | Styrene | <25 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <25 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <25 | | µg/L | GE |
| 2 | Tetrachloroethylene | 970 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <25 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 303 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <25 | | µg/L | GE |

WELL MSB 2D collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Trichloroethylene | 577 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <25 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <25 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <25 | | µg/L | GE |
| 0 | Xylenes | <50 | | µg/L | GE |
| 0 | Zinc | 9.6 | | µg/L | GE |
| 0 | Nonvolatile beta | 9.7E-09 ± 2.2E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.3E-08 ± 2.5E-09 | | µCi/mL | GE |

## WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 119.25 ft (36.35 m) below TOC
Water elevation: 241.75 ft (73.89 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 264 gal
Time: 8:10
pH: 5.6
Alkalinity: 6 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <2,500 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <25 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <500 | | µg/L | GE |
| 0 | Acrylonitrile | <500 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <1,250 | | µg/L | GE |
| 0 | Aluminum | 21 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 6.5 | | µg/L | GE |
| 0 | Barium | 6.5 | | µg/L | GE |
| 0 | Benzene | <25 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <250 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <25 | | µg/L | GE |
| 0 | Bromoform | <25 | | µg/L | GE |
| 0 | Bromomethane | <25 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <25 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,140 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <25 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <25 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <25 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <25 | | µg/L | GE |
| 0 | Chloromethane | <25 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <5,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |

WELL MSB 3B collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <25 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <25 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <500 | | µg/L | GE |
| 0 | Dibromomethane | <25 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <750 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <25 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <25 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <25 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <25 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <25 | | µg/L | GE |
| 0 | Dichloromethane | 178 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <25 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <25 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <25 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <25 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <25 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <375 | | µg/L | GE |
| 0 | Isobutyl alcohol | <2,500 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <1,250 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <25 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <25 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |

WELL MSB 3B collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 610 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <5,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,340 | | µg/L | GE |
| 0 | Sodium | 2,350 | | µg/L | GE |
| 0 | Styrene | <25 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <25 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <25 | | µg/L | GE |
| 2 | Tetrachloroethylene | 34 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <25 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 632 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <25 | | µg/L | GE |
| 2 | Trichloroethylene | 1,260 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <25 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <25 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |

WELL MSB 3B collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Vinyl acetate | <25 | | µg/L | GE |
| 0 | Xylenes | <50 | | µg/L | GE |
| 0 | Zinc | 5.4 | | µg/L | GE |
| 0 | Zinc | 5.0 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 4.0E-10 | | µCi/mL | GE |

## WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92
Depth to water: 142.63 ft (43.47 m) below TOC
Water elevation: 218.17 ft (66.50 m) msl
Sp. conductance: 2620 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.

Time: 7:50
pH: 12.0
Alkalinity: 661 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 2,700 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <500,000 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <5,000 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <100,000 | | µg/L | GE |
| 0 | Acrylonitrile | <100,000 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <250,000 | | µg/L | GE |
| 2 | Aluminum | 5,000 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 487 | | µg/L | GE |
| 0 | Benzene | <5,000 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <50,000 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <5,000 | | µg/L | GE |
| 0 | Bromoform | <5,000 | | µg/L | GE |
| 0 | Bromomethane | <5,000 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5,000 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,740 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <5,000 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <5,000 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5,000 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <5,000 | | µg/L | GE |
| 0 | Chloromethane | <5,000 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <1.0E+06 | | µg/L | GE |
| 0 | Chromium | 4.1 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.5 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <5,000 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <5,000 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <100,000 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 3C collected on 08/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dibromomethane | <5,000 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <150,000 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <5,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5,000 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5,000 | | µg/L | GE |
| 0 | Dichloromethane | 16,800 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5,000 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5,000 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5,000 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <5,000 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <5,000 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <75,000 | | µg/L | GE |
| 0 | Isobutyl alcohol | <500,000 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 2 | Lead | 45 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <250,000 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <5,000 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <5,000 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,300 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |

WELL MSB 3C collected on 08/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <1.0E+06 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 65,300 | | µg/L | GE |
| 0 | Styrene | <5,000 | | µg/L | GE |
| 0 | Sulfate | 4,010 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 24,700 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <5,000 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | 4,000 | | µg/L | GE |
| 2 | Total organic halogens | 8,200 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5,000 | | µg/L | GE |
| 2 | Trichloroethylene | 20,900 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5,000 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <5,000 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 2 | Uranium | 29 | | µg/L | GE |
| 0 | Vanadium | 10 | | µg/L | GE |
| 0 | Vinyl acetate | <5,000 | | µg/L | GE |
| 0 | Xylenes | <10,000 | | µg/L | GE |
| 0 | Zinc | 2.5 | | µg/L | GE |
| 1 | Nonvolatile beta | 3.4E-08 ± 7.7E-10 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.4E-09 ± 9.0E-10 | | µCi/mL | GE |

## WELL MSB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 Time: 7:30
Depth to water: 129.90 ft (39.59 m) below TOC
Water elevation: 230.60 ft (70.29 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 — Time: 13:25
Depth to water: 149.49 ft (45.57 m) below TOC — pH: 4.9
Water elevation: 205.81 ft (62.73 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 177 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.5 | JQ | pH | GE |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <2,500 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <25 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <500 | | µg/L | GE |
| 0 | Acrylonitrile | <500 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <1,250 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.6 | | µg/L | GE |
| 0 | Benzene | <25 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <250 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <25 | | µg/L | GE |
| 0 | Bromoform | <25 | | µg/L | GE |
| 0 | Bromomethane | <25 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <25 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,170 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <25 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <25 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <25 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <25 | | µg/L | GE |
| 0 | Chloromethane | <25 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <5,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialtate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <25 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <25 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <500 | | µg/L | GE |
| 0 | Dibromomethane | <25 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <750 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <25 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <25 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <25 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <25 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <25 | | µg/L | GE |

WELL MSB 4B collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dichloromethane | 100 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <25 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <25 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <25 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <25 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <25 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <375 | | µg/L | GE |
| 0 | Isobutyl alcohol | <2,500 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 3.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <1,250 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <25 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <25 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 880 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |

WELL MSB 4B collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <5,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,920 | | µg/L | GE |
| 0 | Styrene | <25 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <25 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <25 | | µg/L | GE |
| 0 | Tetrachloroethylene | <25 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | 2.3 | | µg/L | GE |
| 0 | Toluene | <25 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 408 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <25 | | µg/L | GE |
| 2 | Trichloroethylene | 1,240 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <25 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <25 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <25 | | µg/L | GE |
| 0 | Xylenes | <50 | | µg/L | GE |
| 0 | Zinc | 7.5 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/92
Depth to water: 141.62 ft (43.17 m) below TOC
Water elevation: 213.58 ft (65.10 m) msl
Sp. conductance: 313 µS/cm
Water evacuated before sampling: 32 gal
The well went dry during purging.

Time: 8:10
pH: 10.6
Alkalinity: 54 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 1 | Specific conductance | 270 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <10,000 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <100 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <2,000 | | µg/L | GE |
| 0 | Acrylonitrile | <2,000 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |

WELL MSB 4C collected on 06/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Allyl chloride | <5,000 | | µg/L | GE |
| 1 | Aluminum | 38 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 148 | | µg/L | GE |
| 0 | Benzene | <100 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <1,000 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <100 | | µg/L | GE |
| 0 | Bromoform | <100 | | µg/L | GE |
| 0 | Bromomethane | <100 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <100 | | µg/L | GE |
| 0 | Carbon tetrachloride | <100 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 3,410 | | µg/L | GE |
| 0 | Chloride | 3,300 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <100 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <100 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <100 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <100 | | µg/L | GE |
| 0 | Chloromethane | <100 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <20,000 | | µg/L | GE |
| 0 | Chromium | 6.5 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialiate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <100 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <100 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <2,000 | | µg/L | GE |
| 0 | Dibromomethane | <100 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <3,000 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <100 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <100 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <100 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <100 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <100 | | µg/L | GE |
| 0 | Dichloromethane | 438 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <100 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <100 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <100 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |

WELL MSB 4C collected on 08/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <100 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <100 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <1,500 | | µg/L | GE |
| 0 | Isobutyl alcohol | <10,000 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <5,000 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <100 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <100 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 15,300 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |

WELL MSB 4C collected on 08/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <20,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 14,200 | | µg/L | GE |
| 0 | Styrene | <100 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <100 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <100 | | µg/L | GE |
| 2 | Tetrachloroethylene | 4,510 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | 2.8 | | µg/L | GE |
| 0 | Toluene | <100 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | 2,000 | | µg/L | GE |
| 2 | Total organic halogens | 4,900 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <100 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <100 | | µg/L | GE |
| 2 | Trichloroethylene | 6,590 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <100 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <100 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <100 | | µg/L | GE |
| 0 | Xylenes | <200 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Nonvolatile beta | 1.2E-08 ± 5.4E-10 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.0E-09 ± 8.0E-10 | | µCi/mL | GE |

## WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 13:10
Depth to water: 126.81 ft (38.65 m) below TOC pH: 4.5
Water elevation: 228.79 ft (69.74 m) msl Alkalinity: 0 mg/L
Sp. conductance: 112 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 4.0 | JQ | pH | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <500 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <5.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <100 | | µg/L | GE |
| 0 | Acrylonitrile | <100 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <250 | | µg/L | GE |
| 2 | Aluminum | 370 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 4D collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 26 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <50 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,520 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <1,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <100 | | µg/L | GE |
| 0 | Dibromomethane | <5.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <150 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 19 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |

WELL MSB 4D collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <5.0 | | µg/L | GE |
| 0 | Indeno(1,2,3-c,d)pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <75 | | µg/L | GE |
| 0 | Isobutyl alcohol | <500 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 25 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <250 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <5.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <5.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 9,900 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <1,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |

WELL MSB 4D collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 8,590 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | GE |
| 0 | Sulfate | 4,150 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 57 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 118 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 173 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <5.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <5.0 | | µg/L | GE |
| 0 | Xylenes | <10 | | µg/L | GE |
| 0 | Zinc | 9.0 | | µg/L | GE |
| 0 | Nonvolatile beta | 8.5E-09 ± 2.1E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 6.3E-09 ± 1.7E-09 | | µCi/mL | GE |

## WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 117.19 ft (35.72 m) below TOC
Water elevation: 227.41 ft (69.32 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 26 gal
Time: 12:45
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |

WELL MSB 5A collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,480 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 31 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 8.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |

WELL MSB 5A collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | 98 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | 3.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 5.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,040 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,700 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |

WELL MSB 5A collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 23 | | µg/L | GE |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 13:00
Depth to water: 138.20 ft (42.12 m) below TOC pH: 5.1
Water elevation: 207.30 ft (63.19 m) msl Alkalinity: 2 mg/L
Sp. conductance: 22 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 198 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.4 | | µg/L | GE |
| 0 | Barium | 4.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |

WELL MSB 5B collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,810 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 6.9 | J2 | µg/L | GE |
| 0 | Dichloromethane | 7.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |

WELL MSB 5B collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 8.0 | | µg/L | GE |
| 0 | Manganese | 8.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 420 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 5B collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,700 | | µg/L | GE |
| 0 | Sodium | 1,680 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 10 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 25 | | µg/L | GE |
| 2 | Trichloroethylene | 26 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 8.9 | | µg/L | GE |
| 0 | Zinc | 8.7 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: 123.07 ft (37.51 m) below TOC
Water elevation: 222.63 ft (67.86 m) msl
Sp. conductance: 362 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.

Time: 7:30
pH: 10.0
Alkalinity: 86 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 1 | Specific conductance | 336 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 1 | Aluminum | 32 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |

WELL MSB 5C collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 44 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 4,580 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethylene | 20 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |

WELL MSB 5C collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 19,200 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |

WELL MSB 5C collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 43,100 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 6,310 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 341 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | 1.6 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 2 | Total organic halogens | 173 | | µg/L | GE |
| 0 | Total phosphates (as P) | 202 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 14 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 7.3 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Nonvolatile beta | 1.5E-08 ± 2.7E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 1.1E-09 | | µCi/mL | GE |

## WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 13:35
Depth to water: 117.03 ft (35.67 m) below TOC pH: 5.0
Water elevation: 226.87 ft (69.15 m) msl Alkalinity: 3 mg/L
Sp. conductance: 38 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 6A collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 4,890 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |

WELL MSB 6A collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | 9.3 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 6.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 370 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,570 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |

WELL MSB 6A collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | 2,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 2.6 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92
Depth to water: 137.36 ft (41.87 m) below TOC
Water elevation: 207.94 ft (63.38 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 216 gal
Time: 12:00
pH: 5.8
Alkalinity: 7 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 42 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene . | <10 | J1 | µg/L | GE |
| 0 | Acetone | <2,500 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <25 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <500 | | µg/L | GE |
| 0 | Acrylonitrile | <500 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <1,250 | | µg/L | GE |
| 0 | Aluminum | 21 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 22 | | µg/L | GE |
| 0 | Benzene | <25 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <250 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <25 | | µg/L | GE |
| 0 | Bromoform | <25 | | µg/L | GE |
| 0 | Bromomethane | <25 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <25 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,820 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <25 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <25 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <25 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <25 | | µg/L | GE |
| 0 | Chloromethane | <25 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |

WELL MSB 6B collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <5,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <25 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <25 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <500 | | µg/L | GE |
| 0 | Dibromomethane | <25 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <750 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <25 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <25 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <25 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <25 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <25 | | µg/L | GE |
| 0 | Dichloromethane | 68 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <25 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <25 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <25 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <25 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <25 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <375 | | µg/L | GE |
| 0 | Isobutyl alcohol | <2,500 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 8.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <1,250 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <25 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <25 | | µg/L | GE |

WELL MSB 6B collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | 4.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,160 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <5,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,190 | | µg/L | GE |
| 0 | Styrene | <25 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <25 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <25 | | µg/L | GE |
| 2 | Tetrachloroethylene | 25 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Toluene | <25 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 645 | | µg/L | GE |
| 0 | Total phosphates (as P) | 94 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <25 | | µg/L | GE |
| 2 | Trichloroethylene | 1,540 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <25 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <25 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <25 | | µg/L | GE |
| 0 | Xylenes | <50 | | µg/L | GE |
| 0 | Zinc | 3.9 | | µg/L | GE |

WELL MSB 6B collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nonvolatile beta | 2.4E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.1E-09 ± 7.0E-10 | | µCi/mL | GE |

## WELL MSB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 Time: 7:50
Depth to water: 121.16 ft (36.93 m) below TOC pH: 6.3
Water elevation: 223.04 ft (67.98 m) msl Alkalinity: 84 mg/L
Sp. conductance: 877 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 18 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.9 | JQ | pH | GE |
| 2 | Specific conductance | 800 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 89 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 5,860 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |

WELL MSB 6C collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | 3.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 1 | Manganese | 27 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 90,000 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |

WELL MSB 6C collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 129,000 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 1,440 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 15 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.6 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 4.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 6.8 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <6.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 21 | | µg/L | GE |
| 2 | Nonvolatile beta | 7.1E-08 ± 9.5E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 6.4E-09 ± 2.0E-09 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92 — Time: 8:45
Depth to water: 116.83 ft (35.61 m) below TOC — pH: 5.1
Water elevation: 227.67 ft (69.39 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <1,000 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <10 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <200 | | µg/L | GE |
| 0 | Acrylonitrile | <200 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <500 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <10 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <100 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <10 | | µg/L | GE |
| 0 | Bromoform | <10 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <10 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 3,550 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <10 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <2,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <10 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <10 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <200 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <300 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <10 | | µg/L | GE |

WELL MSB 7A collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethylene | <10 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <10 | | µg/L | GE |
| 0 | Dichloromethane | 42 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <10 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <10 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <150 | | µg/L | GE |
| 0 | Iron | 4.5 | | µg/L | GE |
| 0 | Isobutyl alcohol | <1,000 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <500 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,680 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |

WELL MSB 7A collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <2,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,900 | | µg/L | GE |
| 0 | Styrene | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <10 | | µg/L | GE |
| 0 | Tetrachloroethylene | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <10 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 38 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <10 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <10 | | µg/L | GE |
| 0 | Trichloroethylene | <10 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.060 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <10 | | µg/L | GE |
| 0 | Xylenes | <20 | | µg/L | GE |
| 0 | Zinc | 2.4 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.5E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: 137.69 ft (41.97 m) below TOC
Water elevation: 206.51 ft (62.95 m) msl
Sp. conductance: 240 µS/cm
Water evacuated before sampling: 42 gal
The well went dry during purging.

Time: 14:05
pH: 10.8
Alkalinity: 132 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 1 | Specific conductance | 300 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |

WELL MSB 7B collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 57 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 151 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | 1.2 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,810 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 7B collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorod[illegible]-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ke[illegible]one | <1.0 | | µg/L | GE |
| 0 | Methyl isobut[illegible]ratone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 970 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlor[illegible]dibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |

WELL MSB 7B collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 9,560 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 5,350 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7.8 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | 1.2 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 24 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 32 | | µg/L | GE |
| 1 | Trichlorofluoromethane | 8.9 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Nonvolatile beta | 5.7E-09 ± 1.8E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.5E-09 ± 1.0E-09 | | µCi/mL | GE |

## WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: 122.77 ft (37.42 m) below TOC
Water elevation: 221.83 ft (67.61 m) msl
Sp. conductance: 487 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.

Time: 14:25
pH: 8.0
Alkalinity: 10 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 1 | Specific conductance | 442 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 54 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |

WELL MSB 7C collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 5,040 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 1 | 1,1-Dichloroethylene | 6.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |

WELL MSB 7C collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 1 | Manganese | 46 | | µg/L | GE |
| 2 | Mercury | 2.4 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 50,800 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 67,200 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 7C collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 38 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 38 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 5.2 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 18 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 10 | | µg/L | GE |
| 2 | Nonvolatile beta | 1.0E-07 ± 5.8E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.2E-09 ± 1.6E-09 | | µCi/mL | GE |

## WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 115.03 ft (35.06 m) below TOC
Water elevation: 229.17 ft (69.85 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 54 gal

Time: 7:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 58 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 1 | Aluminum | 28 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |

WELL MSB 8A collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,400 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialiate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | 1.1 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <15 | | µg/L | GE |
| 0 | Iron | 44 | | µg/L | GE |

WELL MSB 8A collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | 3.3 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 24 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | 4.4 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,800 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,970 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 88 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 60 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |

WELL MSB 8A collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 30 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 21 | | µg/L | GE |
| 0 | Gross alpha | 6.2E-09 ± 1.0E-09 | | µCi/mL | GE |
| 1 | Gross alpha | 7.5E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.2E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.6E-09 ± 1.7E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 4.3E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 8:15
Depth to water: 136.28 ft (41.54 m) below TOC pH: 5.1
Water elevation: 207.62 ft (63.28 m) msl Alkalinity: 1 mg/L
Sp. conductance: 38 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 161 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 1 | Aluminum | 26 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,260 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 8B collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 4.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |

WELL MSB 8B collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 780 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,940 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 2.2 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 19 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 7:40
Depth to water: 124.79 ft (38.04 m) below TOC pH: 5.2
Water elevation: 219.21 ft (66.82 m) msl Alkalinity: 1 mg/L
Sp. conductance: 194 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 165 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <500 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <5.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <100 | | µg/L | GE |
| 0 | Acrylonitrile | <100 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <250 | | µg/L | GE |
| 2 | Aluminum | 69 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 42 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <50 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 4,270 | | µg/L | GE |
| 0 | Chloride | 4,300 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <1,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <100 | | µg/L | GE |
| 0 | Dibromomethane | <5.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <150 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |

WELL MSB 8C collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethylene | 26 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 23 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <5.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <75 | | µg/L | GE |
| 0 | Isobutyl alcohol | <500 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <250 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <5.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <5.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 18,000 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 8C collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <1,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 15,500 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | GE |
| 0 | Sulfate | 1,500 | | µg/L | GE |
| 0 | Sulfate | 1,480 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 177 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 95 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 18 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 68 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <5.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <5.0 | | µg/L | GE |
| 0 | Xylenes | <10 | | µg/L | GE |
| 0 | Zinc | 9.3 | | µg/L | GE |
| 0 | Nonvolatile beta | 9.1E-09 ± 1.9E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.5E-09 ± 1.2E-09 | | µCi/mL | GE |

## WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92
Depth to water: 150.03 ft (45.73 m) below TOC
Water elevation: 209.37 ft (63.82 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 185 gal
Time: 9:40
pH: 6.0
Alkalinity: 10 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

WELL MSB 9A collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | 5.3 | | µg/L | GE |
| 0 | Benzene | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <10 | | µg/L | GE |
| 0 | Bromoform | <10 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <10 | | µg/L | GE |
| 0 | Chloride | 2,140 | | µg/L | GE |
| 0 | Chlorobenzene | <10 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <10 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <10 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <10 | | µg/L | GE |
| 0 | Dichloromethane | 41 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <10 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <10 | | µg/L | GE |
| 0 | Iron | 6.2 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.5 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 290 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,550 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <10 | | µg/L | GE |
| 2 | Tetrachloroethylene | 1,040 | | µg/L | GE |
| 0 | Toluene | 11 | | µg/L | GE |
| 2 | Total organic halogens | 768 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <10 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <10 | | µg/L | GE |
| 2 | Trichloroethylene | 776 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <10 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 1 | Zinc | 4,500 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 5.0E-10 | | µCi/mL | GE |

## WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92
Depth to water: 130.78 ft (39.86 m) below TOC
Water elevation: 228.82 ft (69.75 m) msl
Sp. conductance: 204 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 8:25
pH: 9.2
Alkalinity: 14 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.1 | JQ | pH | GE |
| 0 | Specific conductance | 210 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 32 | | µg/L | GE |
| 0 | Benzene | <1,000 | | µg/L | GE |
| 0 | Bromodichloromethane | <1,000 | | µg/L | GE |
| 0 | Bromoform | <1,000 | | µg/L | GE |
| 0 | Bromomethane | <1,000 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1,000 | | µg/L | GE |
| 0 | Chloride | 8,600 | | µg/L | GE |
| 0 | Chloride | 7,600 | | µg/L | GE |
| 0 | Chlorobenzene | <1,000 | | µg/L | GE |
| 0 | Chloroethane | <1,000 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1,000 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1,000 | | µg/L | GE |
| 0 | Chloroform | <1,000 | | µg/L | GE |
| 0 | Chloromethane | <1,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1,000 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1,000 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1,000 | | µg/L | GE |
| 0 | Dichloromethane | 3,900 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1,000 | | µg/L | GE |

WELL MSB 9B collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | cis-1,3-Dichloropropene | <1,000 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1,000 | | µg/L | GE |
| 0 | Ethylbenzene | <1,000 | | µg/L | GE |
| 0 | Iron | 4.2 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 12,800 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 12,600 | | µg/L | GE |
| 0 | Phenols | 6.6 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,100 | | µg/L | GE |
| 0 | Sulfate | 1,960 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 10,400 | | µg/L | GE |
| 0 | Toluene | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 9,200 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1,000 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1,000 | | µg/L | GE |
| 2 | Trichloroethylene | 14,300 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1,000 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 63 | | µg/L | GE |
| 0 | Gross alpha | 2.1E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.6E-09 ± 1.6E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.6E-09 ± 8.0E-10 | | µCi/mL | GE |

## WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 227 µS/cm
Water evacuated before sampling: 21 gal

Time: 9:00
pH: 3.8
Alkalinity: 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.1 | JQ | pH | GE |
| 0 | Specific conductance | 240 | | µS/cm | GE |
| 2 | Aluminum | 5,370 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 36 | | µg/L | GE |
| 0 | Benzene | <2,500 | | µg/L | GE |
| 0 | Bromodichloromethane | <2,500 | | µg/L | GE |
| 0 | Bromoform | <2,500 | | µg/L | GE |
| 0 | Bromomethane | <2,500 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <2,500 | | µg/L | GE |
| 0 | Chloride | 5,240 | | µg/L | GE |
| 0 | Chlorobenzene | <2,500 | | µg/L | GE |
| 0 | Chloroethane | <2,500 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <2,500 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <2,500 | | µg/L | GE |
| 0 | Chloroform | <2,500 | | µg/L | GE |
| 0 | Chloromethane | <2,500 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 29 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <2,500 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <2,500 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <2,500 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <2,500 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <2,500 | | µg/L | GE |
| 0 | Dichloromethane | 10,500 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <2,500 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <2,500 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <2,500 | | µg/L | GE |
| 0 | Ethylbenzene | <2,500 | | µg/L | GE |
| 0 | Iron | 20 | | µg/L | GE |
| 1 | Lead | 14 | | µg/L | GE |
| 2 | Manganese | 153 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 20 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 21,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,980 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <2,500 | | µg/L | GE |
| 2 | Tetrachloroethylene | 40,500 | | µg/L | GE |
| 0 | Toluene | <2,500 | | µg/L | GE |
| 2 | Total organic halogens | 13,600 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <2,500 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <2,500 | | µg/L | GE |
| 2 | Trichloroethylene | 22,500 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <2,500 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 56 | | µg/L | GE |
| 2 | Gross alpha | 8.4E-08 ± 8.6E-09 | | µCi/mL | GE |

WELL MSB 9C collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Gross alpha | 9.2E-08 ± 6.9E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 5.9E-08 ± 4.0E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 5.9E-08 ± 4.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 4.1E-08 ± 3.2E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 148.18 ft (45.17 m) below TOC
Water elevation: 206.82 ft (63.04 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 233 gal

Time: 8:40
pH: 4.8
Alkalinity: 2 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,040 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.4 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 310 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,490 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 2.9 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 18 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 43 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 145.45 ft (44.33 m) below TOC
Water elevation: 209.25 ft (63.78 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 157 gal

Time: 8:55
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 38 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 10B collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,020 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 5.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,540 | | µg/L | GE |
| 0 | Sulfate | 8,170 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.2 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: 128.22 ft (39.08 m) below TOC
Water elevation: 227.78 ft (69.43 m) msl
Sp. conductance: 305 µS/cm
Water evacuated before sampling: 58 gal
Time: 14:55
pH: 9.4
Alkalinity: 96 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.7 | JQ | pH | GE |
| 1 | Specific conductance | 252 | | µS/cm | GE |
| 2 | Aluminum | 147 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 222 | | µg/L | GE |
| 0 | Benzene | <5,000 | | µg/L | GE |
| 0 | Bromodichloromethane | <5,000 | | µg/L | GE |
| 0 | Bromoform | <5,000 | | µg/L | GE |
| 0 | Bromomethane | <5,000 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5,000 | | µg/L | GE |
| 0 | Chloride | 3,300 | | µg/L | GE |
| 0 | Chlorobenzene | <5,000 | | µg/L | GE |
| 0 | Chloroethane | <5,000 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5,000 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5,000 | | µg/L | GE |
| 0 | Chloroform | <5,000 | | µg/L | GE |
| 0 | Chloromethane | <5,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5,000 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5,000 | | µg/L | GE |
| 0 | Dichloromethane | 16,000 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5,000 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5,000 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5,000 | | µg/L | GE |

WELL MSB 10C collected on 08/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethylbenzene | <5,000 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Manganese | 29 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 20,900 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11,200 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 71,900 | | µg/L | GE |
| 0 | Toluene | <5,000 | | µg/L | GE |
| 2 | Total organic halogens | 17,400 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5,000 | | µg/L | GE |
| 2 | Trichloroethylene | 42,000 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5,000 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 2 | Gross alpha | 3.8E-08 ± 5.5E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 2.9E-08 ± 3.2E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.6E-08 ± 2.2E-09 | | µCi/mL | GE |

## WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 153.62 ft (46.86 m) below TOC
Water elevation: 211.08 ft (64.34 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 212 gal
Time: 7:45
pH: 5.3
Alkalinity: 8 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,930 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.8 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 200 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 200 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,450 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.5 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 7.9 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 10 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 75 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

WELL MSB 11A collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 148.98 ft (45.41 m) below TOC
Water elevation: 215.82 ft (65.78 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 144 gal
Time: 7:15
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Specific conductance | 30 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.4 | | µg/L | GE |
| 0 | Barium | 6.6 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,060 | | µg/L | GE |
| 0 | Chloride | 2,070 | | µg/L | GE |
| 0 | Chloride | 5,300 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 2.7 | J2 | µg/L | GE |
| 0 | Dichloromethane | 13 | V | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 652 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 550 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |

WELL MSB 11B collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,570 | | µg/L | GE |
| 0 | Sodium | 1,550 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 19 | | µg/L | GE |
| 2 | Tetrachloroethylene | 17 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 2 | Total organic halogens | 361 | | µg/L | GE |
| 2 | Total organic halogens | 330 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 1,090 | | µg/L | GE |
| 2 | Trichloroethylene | 829 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 50 | | µg/L | GE |
| 0 | Zinc | 49 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.8E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.4E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium | 1.4E-10 ± 1.0E-11 | | µCi/mL | TM |

## WELL MSB 11B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: 148.98 ft (45.41 m) below TOC
Water elevation: 215.82 ft (65.78 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 144 gal
Time: 7:15
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Specific conductance | 28 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | 17 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 6.1 | | µg/L | GE |
| 0 | Barium | 6.4 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,020 | | µg/L | GE |
| 0 | Chloride | 8,380 | | µg/L | WA |
| 0 | Chloride | 8,410 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |

WELL MSB 11B collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | < 5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | < 5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | < 5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | < 5.0 | | µg/L | WA |
| 0 | Dichloromethane | 2.7 | J2 | µg/L | GE |
| 0 | Dichloromethane | 16 | V | µg/L | WA |
| 0 | 1,2-Dichloropropane | < 1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | < 5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | < 1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | < 5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | < 1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | < 5.0 | | µg/L | WA |
| 0 | Ethylbenzene | < 1.0 | | µg/L | GE |
| 0 | Ethylbenzene | < 5.0 | | µg/L | WA |
| 0 | Iron | < 4.0 | | µg/L | GE |
| 0 | Iron | 2.3 | J3 | µg/L | WA |
| 0 | Lead | < 3.0 | | µg/L | GE |
| 0 | Lead | < 2.0 | | µg/L | WA |
| 0 | Manganese | 3.6 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | WA |
| 0 | Mercury | < 0.20 | | µg/L | GE |
| 0 | Mercury | < 0.20 | | µg/L | WA |
| 0 | Nickel | < 4.0 | | µg/L | GE |
| 0 | Nickel | < 3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 627 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 560 | | µg/L | GE |
| 0 | Phenols | < 5.0 | | µg/L | GE |
| 0 | Phenols | < 5.0 | | µg/L | WA |
| 0 | Selenium | < 2.0 | | µg/L | GE |
| 0 | Selenium | < 2.0 | | µg/L | WA |
| 0 | Silver | < 2.0 | | µg/L | GE |
| 0 | Silver | 0.83 | J3 | µg/L | WA |
| 0 | Sodium | 1,530 | | µg/L | GE |
| 0 | Sodium | 1,410 | | µg/L | WA |
| 0 | Sulfate | < 1,000 | | µg/L | GE |
| 0 | Sulfate | < 2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | < 5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 18 | | µg/L | GE |
| 2 | Tetrachloroethylene | 17 | | µg/L | WA |
| 0 | Toluene | < 1.0 | | µg/L | GE |
| 0 | Toluene | < 5.0 | | µg/L | WA |
| 2 | Total organic halogens | 342 | | µg/L | GE |
| 2 | Total organic halogens | 284 | | µg/L | WA |
| 0 | Total phosphates (as P) | < 50 | | µg/L | GE |
| 0 | Total phosphates (as P) | < 20 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | < 5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | < 5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 880 | | µg/L | GE |
| 2 | Trichloroethylene | 812 | | µg/L | WA |
| 0 | Trichlorofluoromethane | < 1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | < 5.0 | | µg/L | WA |
| 0 | Uranium | < 20 | | µg/L | GE |
| 0 | Zinc | 54 | | µg/L | GE |
| 0 | Zinc | 47 | | µg/L | WA |
| 0 | Gross alpha | < 2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.5E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | < 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.7E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | < 1.0E-09 | | µCi/mL | GE |
| 0 | Uranium | 6.0E-11 ± 1.0E-11 | | µCi/mL | TM |

## WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 146.97 ft (44.80 m) below TOC
Water elevation: 217.93 ft (66.43 m) msl
Sp. conductance: 69 µS/cm
Water evacuated before sampling: 106 gal
Time: 12:00
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 78 | | µS/cm | GE |
| 0 | Specific conductance | 75 | | µS/cm | GE |
| 2 | Aluminum | 57 | | µg/L | GE |
| 0 | Arsenic | < 2.0 | J1 | µg/L | GE |
| 0 | Barium | 22 | | µg/L | GE |
| 0 | Benzene | < 1,000 | | µg/L | GE |
| 0 | Bromodichloromethane | < 1,000 | | µg/L | GE |
| 0 | Bromoform | < 1,000 | | µg/L | GE |
| 0 | Bromomethane | < 1,000 | | µg/L | GE |
| 0 | Cadmium | < 2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | < 1,000 | | µg/L | GE |
| 0 | Chloride | 2,600 | | µg/L | GE |
| 0 | Chlorobenzene | < 1,000 | | µg/L | GE |
| 0 | Chloroethane | < 1,000 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | < 1,000 | | µg/L | GE |

WELL MSB 11C collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chloroethyl vinyl ether | < 1,000 | | µg/L | GE |
| 0 | Chloroform | < 1,000 | | µg/L | GE |
| 0 | Chloromethane | < 1,000 | | µg/L | GE |
| 0 | Chromium | < 4.0 | | µg/L | GE |
| 0 | Copper | 5.7 | | µg/L | GE |
| 0 | Cyanide | < 5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | < 1,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | < 1,000 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | < 1,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | < 1,000 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | < 1,000 | | µg/L | GE |
| 0 | Dichloromethane | 4,710 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | < 1,000 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | < 1,000 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | < 1,000 | | µg/L | GE |
| 0 | Ethylbenzene | < 1,000 | | µg/L | GE |
| 0 | Iron | 4.3 | | µg/L | GE |
| 0 | Lead | < 3.0 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | < 0.20 | | µg/L | GE |
| 0 | Nickel | < 4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 8,200 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 8,200 | | µg/L | GE |
| 0 | Phenols | < 5.0 | | µg/L | GE |
| 0 | Selenium | < 2.0 | J1 | µg/L | GE |
| 0 | Silver | < 2.0 | | µg/L | GE |
| 0 | Sodium | 5,420 | | µg/L | GE |
| 0 | Sulfate | < 1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | < 1,000 | | µg/L | GE |
| 0 | Tetrachloroethylene | < 1,000 | | µg/L | GE |
| 0 | Toluene | < 1,000 | | µg/L | GE |
| 2 | Total organic halogens | 24,600 | | µg/L | GE |
| 0 | Total phosphates (as P) | < 50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | < 1,000 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | < 1,000 | | µg/L | GE |
| 2 | Trichloroethylene | 122,000 | | µg/L | GE |
| 0 | Trichlorofluoromethane | < 1,000 | | µg/L | GE |
| 0 | Uranium | < 20 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Gross alpha | 5.4E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.1E-09 ± 7.0E-10 | | µCi/mL | GE |

## WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 135.96 ft (41.45 m) below TOC
Water elevation: 229.22 ft (69.87 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 68 gal
Time: 11:50
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Aluminum | 23 | | µg/L | GE |
| 0 | Arsenic | < 2.0 | J1 | µg/L | GE |
| 0 | Barium | 3.1 | | µg/L | GE |
| 0 | Benzene | < 5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | < 5.0 | | µg/L | GE |
| 0 | Bromoform | < 5.0 | | µg/L | GE |
| 0 | Bromomethane | < 5.0 | | µg/L | GE |
| 0 | Cadmium | < 2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | < 5.0 | | µg/L | GE |
| 0 | Chloride | 2,470 | | µg/L | GE |
| 0 | Chlorobenzene | < 5.0 | | µg/L | GE |
| 0 | Chloroethane | < 5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | < 5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | < 5.0 | | µg/L | GE |
| 0 | Chloroform | < 5.0 | | µg/L | GE |
| 0 | Chloromethane | < 5.0 | | µg/L | GE |
| 0 | Chromium | < 4.0 | | µg/L | GE |
| 0 | Copper | < 4.0 | | µg/L | GE |
| 0 | Cyanide | < 5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | < 5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | < 5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | < 5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | < 5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | < 5.0 | | µg/L | GE |
| 0 | Dichloromethane | < 5.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | < 5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | < 5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | < 5.0 | | µg/L | GE |
| 0 | Ethylbenzene | < 5.0 | | µg/L | GE |
| 0 | Iron | 5.4 | | µg/L | GE |
| 0 | Lead | < 3.0 | | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Mercury | < 0.20 | | µg/L | GE |
| 0 | Nickel | < 4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 660 | | µg/L | GE |
| 0 | Phenols | < 5.0 | | µg/L | GE |
| 0 | Selenium | < 2.0 | J1 | µg/L | GE |
| 0 | Silver | < 2.0 | | µg/L | GE |
| 0 | Sodium | 3,740 | | µg/L | GE |

WELL MSB 11D collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sulfate | 2,250 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Toluene | 74 | | µg/L | GE |
| 2 | Total organic halogens | 274 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 441 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 8.5 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 5.0E-10 | | µCi/mL | GE |

## WELL MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 7:00
Depth to water: 124.14 ft (37.84 m) below TOC
Water elevation: 241.06 ft (73.48 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 Time: 12:30
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 18 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 2 | Aluminum | 81 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | 3.8 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,830 | | µg/L | GE |
| 0 | Chloride | 2,830 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 7.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 42 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 6.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.6 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 900 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,340 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 195 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 2 | Total organic halogens | 373 | | µg/L | GE |
| 0 | Total phosphates (as P) | 550 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 610 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |

WELL MSB 11F collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 7.6E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 6.8E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.2E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.6E-09 ± 1.7E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 6.7E-09 ± 1.4E-09 | | µCi/mL | GE |

## WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92 Time: 11:20
Depth to water: 140.67 ft (42.88 m) below TOC pH: 4.6
Water elevation: 207.13 ft (63.13 m) msl Alkalinity: 0 mg/L
Sp. conductance: 10 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 239 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.8 | | µg/L | GE |
| 0 | Benzene | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <10 | | µg/L | GE |
| 0 | Bromoform | <10 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <10 | | µg/L | GE |
| 0 | Chloride | 1,850 | | µg/L | GE |
| 0 | Chloride | 1,870 | | µg/L | GE |
| 0 | Chlorobenzene | <10 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <10 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 5.7 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <10 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <10 | | µg/L | GE |
| 0 | Dichloromethane | 37 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <10 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <10 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 430 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,450 | | µg/L | GE |
| 0 | Sulfate | 1,440 | | µg/L | GE |
| 0 | Sulfate | 1,340 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <10 | | µg/L | GE |
| 2 | Tetrachloroethylene | 87 | | µg/L | GE |
| 0 | Toluene | <10 | | µg/L | GE |
| 2 | Total organic halogens | 273 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <10 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <10 | | µg/L | GE |
| 2 | Trichloroethylene | 694 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <10 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 33 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92 Time: 11:00
Depth to water: 131.60 ft (40.11 m) below TOC pH: 4.5
Water elevation: 216.60 ft (66.06 m) msl Alkalinity: 0 mg/L
Sp. conductance: 109 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 159 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 120 | | µS/cm | GE |
| 1 | Aluminum | 50 | | µg/L | GE |

WELL MSB 12B collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Benzene | <1,000 | | µg/L | GE |
| 0 | Bromodichloromethane | <1,000 | | µg/L | GE |
| 0 | Bromoform | <1,000 | | µg/L | GE |
| 0 | Bromomethane | <1,000 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1,000 | | µg/L | GE |
| 0 | Chloride | 3,550 | | µg/L | GE |
| 0 | Chlorobenzene | <1,000 | | µg/L | GE |
| 0 | Chloroethane | <1,000 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1,000 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1,000 | | µg/L | GE |
| 0 | Chloroform | <1,000 | | µg/L | GE |
| 0 | Chloromethane | <1,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 6.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1,000 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1,000 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1,000 | | µg/L | GE |
| 0 | Dichloromethane | 4,460 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1,000 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1,000 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1,000 | | µg/L | GE |
| 0 | Ethylbenzene | <1,000 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 5.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.2 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 11,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,400 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7,500 | | µg/L | GE |
| 0 | Toluene | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 5,830 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1,000 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1,000 | | µg/L | GE |
| 2 | Trichloroethylene | 20,500 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1,000 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Gross alpha | 6.0E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.0E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 8.0E-10 | | µCi/mL | GE |

## WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92 — Time: 10:20
Depth to water: 126.01 ft (38.41 m) below TOC — pH: 4.9
Water elevation: 221.89 ft (67.63 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 105 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 115 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 120 | | µS/cm | GE |
| 0 | Aluminum | 21 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 24 | | µg/L | GE |
| 0 | Barium | 24 | | µg/L | GE |
| 0 | Benzene | <5,000 | | µg/L | GE |
| 0 | Bromodichloromethane | <5,000 | | µg/L | GE |
| 0 | Bromoform | <5,000 | | µg/L | GE |
| 0 | Bromomethane | <5,000 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5,000 | | µg/L | GE |
| 0 | Chloride | 3,560 | | µg/L | GE |
| 0 | Chlorobenzene | <5,000 | | µg/L | GE |
| 0 | Chloroethane | <5,000 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5,000 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5,000 | | µg/L | GE |
| 0 | Chloroform | <5,000 | | µg/L | GE |
| 0 | Chloromethane | <5,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5,000 | | µg/L | GE |

WELL MSB 12C collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,2-Dichloroethylene | <5,000 | | µg/L | GE |
| 0 | Dichloromethane | 17,500 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5,000 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5,000 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5,000 | | µg/L | GE |
| 0 | Ethylbenzene | <5,000 | | µg/L | GE |
| 0 | Iron | 10.0 | | µg/L | GE |
| 0 | Iron | 9.5 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 8.5 | | µg/L | GE |
| 0 | Manganese | 8.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 11,400 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13,600 | | µg/L | GE |
| 0 | Sodium | 13,900 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 24,000 | | µg/L | GE |
| 0 | Toluene | <5,000 | | µg/L | GE |
| 2 | Total organic halogens | 9,480 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5,000 | | µg/L | GE |
| 2 | Trichloroethylene | 107,000 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5,000 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 174 | | µg/L | GE |
| 0 | Zinc | 173 | | µg/L | GE |
| 0 | Gross alpha | 4.2E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 8.9E-09 ± 2.0E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.0E-09 ± 9.0E-10 | | µCi/mL | GE |

## WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92 — Time: 8:50
The well was dry.

## WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92 — Time: 12:10
Depth to water: 158.20 ft (47.61 m) below TOC — pH: 5.5
Water elevation: 192.30 ft (58.61 m) msl — Alkalinity: 11 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 803 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.8 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,720 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |

WELL MSB 12TA collected on 07/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | Dichloromethane | 2.1 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 4.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,260 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 156.36 ft (47.68 m) below TOC
Water elevation: 192.54 ft (58.69 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 522 gal

Time: 10:50
pH: 4.9
Alkalinity: 4 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | Specific conductance | 21 | | µS/cm | GE |
| 0 | Specific conductance | 18 | JQ | µS/cm | WA |
| 0 | Specific conductance | 20 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 3.1 | | µg/L | GE |
| 0 | Barium | 4.2 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.90 | J3 | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,020 | | µg/L | GE |
| 0 | Chloride | 2,200 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |

WELL MSB 12TB collected on 07/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 4.4 | | µg/L | GE |
| 0 | Copper | 7.2 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | Dichloromethane | 9.9 | V | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 1 | Iron | 169 | | µg/L | GE |
| 1 | Iron | 181 | | µg/L | WA |
| 0 | Lead | 5.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Manganese | 8.9 | | µg/L | GE |
| 0 | Manganese | 9.7 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 3.8 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 208 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 70 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,470 | | µg/L | GE |
| 0 | Sodium | 1,610 | | µg/L | WA |
| 0 | Sulfate | 1,070 | | µg/L | GE |
| 0 | Sulfate | 880 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 7.3 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | 0.64 ± 7.0E-02 | | µg/L | TM |
| 0 | Uranium | 0.69 ± 7.0E-02 | | µg/L | TM |
| 0 | Zinc | 20 | | µg/L | GE |
| 0 | Zinc | 27 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 1.9E-09 ± 7.4E-10 | | µCi/mL | TM |
| 0 | Radium 228 | <8.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL MSB 12TB Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92 Time: 10:50
Depth to water: 156.36 ft (47.66 m) below TOC pH: 4.9
Water elevation: 192.54 ft (58.69 m) msl Alkalinity: 4 mg/L
Sp. conductance: 22 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 522 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Specific conductance | 19 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 1 | Aluminum | 28 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 3.1 | | µg/L | GE |
| 0 | Barium | 4.0 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 1.3 | J3 | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,070 | | µg/L | GE |
| 0 | Chloride | 2,250 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 4.1 | | µg/L | GE |
| 0 | Copper | 4.7 | J3 | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | 2.4 | JV | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 1 | Iron | 173 | | µg/L | GE |
| 1 | Iron | 198 | | µg/L | WA |
| 0 | Lead | 4.9 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Manganese | 9.1 | | µg/L | GE |
| 0 | Manganese | 9.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | 13 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 192 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 70 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,500 | | µg/L | GE |
| 0 | Sodium | 1,630 | | µg/L | WA |
| 0 | Sulfate | 1,090 | | µg/L | GE |
| 0 | Sulfate | 860 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |

WELL MSB 12TB collected on 07/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/l | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/l | WA |
| 0 | Trichloroethylene | <1.0 | | µg/l | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | 1.5 ± 1.6E-01 | | µg/L | TM |
| 0 | Zinc | 21 | | µg/L | GE |
| 0 | Zinc | 31 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 3.1E-09 ± 9.9E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.6E-09 ± 7.3E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.1E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Radium-228 | <9.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 Time: 7:05
Depth to water: 140.01 ft (42.68 m) below TOC pH: 4.2
Water elevation: 205.18 ft (62.54 m) msl Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 228 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,960 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |

WELL MSB 13A collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 4.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |

WELL MSB 13A collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 820 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 810 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,720 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 13A collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 84 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 35 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 23 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 — Time: 13:10
Depth to water: 154.52 ft (47.10 m) below TOC — pH: 11.2
Water elevation: 191.08 ft (58.24 m) msl — Alkalinity: 154 mg/L
Sp. conductance: 793 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 3 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 800 | | µS/cm | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 1 | Aluminum | 31 | | µg/L | GE |
| 2 | Antimony | 15 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 140 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 990 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | 26 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 9.3 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | 3.5 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |

WELL MSB 13B collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Nickel | 8.2 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 30,500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 45,200 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 4,630 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 21 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | 1.0 | | µg/L | GE |
| 0 | Total organic carbon | 3,000 | | µg/L | GE |
| 0 | Total organic halogens | 21 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 12 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 4.9E-08 ± 3.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.3E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 — Time: 6:55
Depth to water: 123.38 ft (37.61 m) below TOC — pH: 4.8
Water elevation: 223.52 ft (68.13 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 143 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 122 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |

WELL MSB 13CC collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,620 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 8.6 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | 1.7 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00085 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00085 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |

WELL MSB 13CC collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 1 | Lead | 9.4 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 10,300 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 25,300 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 14,800 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 18 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |

WELL MSB 13CC collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 23 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 1.6 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 19 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 28 | | µg/L | GE |
| 0 | Nonvolatile beta | 1.4E-08 ± 3.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.4E-08 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 Time: 6:35
Depth to water: 120.36 ft (36.69 m) below TOC pH: 6.1
Water elevation: 227.34 ft (69.29 m) msl Alkalinity: 56 mg/L
Sp. conductance: 412 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | pH | 6.8 | JQ | pH | GE |
| 1 | Specific conductance | 350 | | µS/cm | GE |
| 1 | Specific conductance | 355 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | JQ1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | JQ1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | JQ1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | JQ1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | JQ1 | µg/L | GE |
| 0 | Aniline | <10 | JQ1 | µg/L | GE |
| 0 | Anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | JQ1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | JQ1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | JQ1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | JQ1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | JQ1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,710 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | JQ1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | JQ1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | JQ1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | JQ1 | µg/L | GE |

WELL MSB 13D collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | JQ1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | JQ1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | JQ1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | JQ1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 1 | 1,1-Dichloroethylene | 6.7 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | Dimethoate | <10 | JQ1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | JQ1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | JQ1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | JQ1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | JQ1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | JQ1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | JQ1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | JQ1 | µg/L | GE |
| 0 | Diphenylamine | <10 | JQ1 | µg/L | GE |
| 0 | Disulfoton | <10 | JQ1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | JQ1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | JQ1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | JQ1 | µg/L | GE |
| 0 | Fluoranthene | <10 | JQ1 | µg/L | GE |
| 0 | Fluorene | <10 | JQ1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | JQ1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | JQ1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ | µg/L | GE |
| 0 | Hexachloropropene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | JQ1 | µg/L | GE |
| 0 | Isophorone | <10 | JQ1 | µg/L | GE |
| 0 | Isosafrole | <10 | JQ1 | µg/L | GE |
| 0 | Kepone | <10 | JQ1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 7.1 | | µg/L | GE |

WELL MSB 13D collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | JQ1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | JQ1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | JQ1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | JQ1 | µg/L | GE |
| 0 | Naphthalene | <10 | JQ1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | JQ1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | JQ1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | JQ1 | µg/L | GE |
| 0 | Nickel | 11 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 39,000 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | JQ1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | JQ1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | JQ1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | JQ1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | JQ1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | JQ1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | JQ1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | JQ1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Phenacetin | <10 | JQ1 | µg/L | GE |
| 0 | Phenanthrene | <10 | JQ1 | µg/L | GE |
| 0 | Phenol | <10 | JQ | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | JQ1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | JQ1 | µg/L | GE |
| 0 | Pronamid | <10 | JQ1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | JQ1 | µg/L | GE |
| 0 | Pyridine | <10 | JQ1 | µg/L | GE |
| 0 | Safrole | <10 | JQ1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 74,500 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 8,190 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | JQ1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 43 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | JQ1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | JQ1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 35 | | µg/L | GE |

WELL MSB 13D collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | JQ1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 9.6 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 38 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | JQ1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 35 | | µg/L | GE |
| 0 | Nonvolatile beta | 7.8E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 Time: 9:00
Depth to water: 133.86 ft (40.80 m) below TOC pH: 4.6
Water elevation: 214.44 ft (65.36 m) msl Alkalinity: 0 mg/L
Sp. conductance: 185 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 184 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 175 | | µS/cm | GE |
| 2 | Aluminum | 54 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 59 | | µg/L | GE |
| 0 | Benzene | <500 | | µg/L | GE |
| 0 | Bromodichloromethane | <500 | | µg/L | GE |
| 0 | Bromoform | <500 | | µg/L | GE |
| 0 | Bromomethane | <500 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <500 | | µg/L | GE |
| 0 | Chloride | 4,220 | | µg/L | GE |
| 0 | Chlorobenzene | <500 | | µg/L | GE |
| 0 | Chloroethane | <500 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <500 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <500 | | µg/L | GE |
| 0 | Chloroform | <500 | | µg/L | GE |
| 0 | Chloromethane | <500 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <500 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <500 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <500 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <500 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <500 | | µg/L | GE |
| 0 | Dichloromethane | 1,460 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <500 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <500 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <500 | | µg/L | GE |
| 0 | Ethylbenzene | <500 | | µg/L | GE |
| 0 | Iron | 6.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 15 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 18,100 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13,800 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <500 | | µg/L | GE |
| 2 | Tetrachloroethylene | 8,130 | | µg/L | GE |
| 0 | Toluene | <500 | | µg/L | GE |
| 2 | Total organic halogens | 1,590 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <500 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <500 | | µg/L | GE |
| 2 | Trichloroethylene | 3,590 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <500 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 4.8 | | µg/L | GE |
| 0 | Gross alpha | 6.3E-09 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.5E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.3E-09 ± 8.0E-10 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 — Time: 14:20
Depth to water: 131.95 ft (40.22 m) below TOC — pH: 5.0
Water elevation: 216.75 ft (66.07 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 167 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.8 | JQ | pH | GE |
| 0 | Specific conductance | 160 | | µS/cm | GE |
| 0 | Specific conductance | 165 | | µS/cm | GE |
| 2 | Aluminum | 51 | | µg/L | GE |
| 2 | Aluminum | 52 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 50 | | µg/L | GE |
| 0 | Barium | 50 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloride | 3,320 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethylene | 7.8 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 9.8 | | µg/L | GE |
| 0 | Dichloromethane | 8.9 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Iron | 5.2 | | µg/L | GE |
| 0 | Iron | 5.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 18 | | µg/L | GE |
| 0 | Manganese | 18 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 17,300 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 14,100 | | µg/L | GE |
| 0 | Sodium | 14,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 138 | | µg/L | GE |
| 2 | Tetrachloroethylene | 135 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 2 | Total organic halogens | 96 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 80 | | µg/L | GE |
| 2 | Trichloroethylene | 82 | | µg/L | GE |

WELL MSB 14B collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 22 | | µg/L | GE |
| 0 | Zinc | 22 | | µg/L | GE |
| 0 | Gross alpha | 5.3E-09 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.6E-09 ± 1.8E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.9E-09 ± 1.5E-09 | | µCi/mL | GE |

## WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 — Time: 14:35
Depth to water: Not available — pH: 7.8
Water elevation: Not available — Alkalinity: 40 mg/L
Sp. conductance: 127 µS/cm — Water temperature: 22.9°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.7 | JQ | pH | GE |
| 0 | Specific conductance | 135 | | µS/cm | GE |
| 1 | Aluminum | 27 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.8 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloride | 2,800 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 2 | Chloroethane | 82 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chromium | 5.5 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 18 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Iron | 54 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.5 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,900 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,330 | | µg/L | GE |
| 0 | Sulfate | 5,130 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 123 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 8.8 | | µg/L | GE |
| 2 | Gross alpha | 3.1E-08 ± 3.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.6E-08 ± 3.4E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.3E-09 ± 1.8E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.6E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 — Time: 9:50
Depth to water: 148.06 ft (45.14 m) below TOC — pH: 5.8
Water elevation: 219.12 ft (66.79 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 59 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 149 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <50 | | µg/L | GE |
| 0 | Bromodichloromethane | <50 | | µg/L | GE |
| 0 | Bromoform | <50 | | µg/L | GE |
| 0 | Bromomethane | <50 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chloride | 2,430 | | µg/L | GE |
| 0 | Chloride | 2,430 | | µg/L | GE |
| 0 | Chlorobenzene | <50 | | µg/L | GE |
| 0 | Chloroethane | <50 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <50 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <50 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 0 | Chloromethane | <50 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <50 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <50 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <50 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <50 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <50 | | µg/L | GE |
| 0 | Dichloromethane | 139 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <50 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <50 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <50 | | µg/L | GE |
| 0 | Ethylbenzene | <50 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.7 | | µg/L | GE |
| 0 | Manganese | 4.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 650 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,870 | | µg/L | GE |
| 0 | Sodium | 1,870 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <50 | | µg/L | GE |
| 2 | Tetrachloroethylene | 450 | | µg/L | GE |
| 0 | Toluene | <50 | | µg/L | GE |
| 2 | Total organic halogens | 2,140 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 5,970 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 — Time: 12:10
Depth to water: 155.53 ft (47.41 m) below TOC — pH: 5.7
Water elevation: 213.97 ft (65.22 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 187 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <2.0 | | µg/L | GE |
| 0 | Chloroform | <2.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 90 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7.4 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 72 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <2.0 | | µg/L | GE |
| 2 | Trichloroethylene | 177 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 — Time: 8:55
Depth to water: 122.94 ft (37.47 m) below TOC — pH: 5.3
Water elevation: 243.66 ft (74.27 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.0 | | µg/L | GE |
| 0 | Benzene | <50 | | µg/L | GE |
| 0 | Bromodichloromethane | <50 | | µg/L | GE |
| 0 | Bromoform | <50 | | µg/L | GE |
| 0 | Bromomethane | <50 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chlorobenzene | <50 | | µg/L | GE |
| 0 | Chloroethane | <50 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <50 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <50 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 0 | Chloromethane | <50 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <50 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <50 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <50 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <50 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <50 | | µg/L | GE |
| 0 | Dichloromethane | 192 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <50 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <50 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <50 | | µg/L | GE |
| 0 | Ethylbenzene | <50 | | µg/L | GE |
| 0 | Iron | 5.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 475 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,450 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <50 | | µg/L | GE |
| 2 | Tetrachloroethylene | 6,600 | | µg/L | GE |
| 0 | Toluene | <50 | | µg/L | GE |
| 2 | Total organic halogens | 2,750 | | µg/L | GE |
| 0 | Total phosphates (as P) | 4,710 | | µg/L | GE |
| 0 | Total phosphates (as P) | 4,820 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 7,710 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 8.8 | | µg/L | GE |

# ANALYTICAL RESULTS

## WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92
Depth to water: 137.72 ft (41.98 m) below TOC
Water elevation: 231.08 ft (70.43 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.

Time: 7:55
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <200 | JQ6 | µg/L | GE |
| 0 | Chloroform | <200 | JQ6 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 2 | Lead | 22 | | µg/L | GE |
| 0 | Manganese | 6.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,340 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 1,340 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 5,110 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 10,400 | JQ6 | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: 148.38 ft (45.23 m) below TOC
Water elevation: 218.32 ft (66.54 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 150 gal

Time: 11:30
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | JQ6 | µg/L | GE |
| 0 | Chloroform | <50 | JQ6 | µg/L | GE |
| 0 | Iron | 23 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,440 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 735 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 5,900 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 4,100 | JQ6 | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.2E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92
Depth to water: 137.04 ft (41.77 m) below TOC
Water elevation: 229.56 ft (69.97 m) msl
Sp. conductance: 85 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.

Time: 8:15
pH: 6.9
Alkalinity: 31 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | | µg/L | GE |
| 0 | Chloroform | <25 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 626 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 485 | | µg/L | GE |
| 0 | Total organic carbon | 4,000 | | µg/L | GE |
| 2 | Total organic halogens | 643 | | µg/L | GE |
| 2 | Total organic halogens | 677 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | GE |

WELL MSB 16C collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Trichloroethylene | 823 | | µg/L | GE |
| 0 | Gross alpha | 4.8E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.9E-09 ± 1.8E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.8E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 143.00 ft (43.59 m) below TOC
Water elevation: 215.00 ft (65.53 m) msl
Sp. conductance: 195 µS/cm
Water evacuated before sampling: 158 gal

Time: 12:50
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | GE |
| 0 | Specific conductance | 200 | | µS/cm | GE |
| 2 | Aluminum | 58 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 36 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 4,280 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | 1.5 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethylene | 35 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.8 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 21 | | µg/L | GE |
| 0 | Lead | 3.0 | | µg/L | GE |
| 0 | Manganese | 9.1 | | µg/L | GE |
| 0 | Mercury | 0.44 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 19,900 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17,900 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 319 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 2 | Total organic halogens | 121 | | µg/L | GE |
| 2 | Total organic halogens | 122 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 18 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 59 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Gross alpha | 4.9E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.7E-09 ± 2.2E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.6E-09 ± 1.7E-09 | | µCi/mL | GE |

## WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: 132.96 ft (40.53 m) below TOC
Water elevation: 224.94 ft (68.56 m) msl
Sp. conductance: 114 µS/cm
Water evacuated before sampling: 105 gal

Time: 14:00
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 110 | | µS/cm | GE |
| 2 | Aluminum | 115 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

WELL MSB 17B collected on 08/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Benzene | <500 | | µg/L | GE |
| 0 | Bromodichloromethane | <500 | | µg/L | GE |
| 0 | Bromoform | <500 | | µg/L | GE |
| 0 | Bromomethane | <500 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <500 | | µg/L | GE |
| 0 | Chloride | 3,240 | | µg/L | GE |
| 0 | Chlorobenzene | <500 | | µg/L | GE |
| 0 | Chloroethane | <500 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <500 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <500 | | µg/L | GE |
| 0 | Chloroform | <500 | | µg/L | GE |
| 0 | Chloromethane | <500 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 7.8 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <500 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <500 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <500 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <500 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <500 | | µg/L | GE |
| 0 | Dichloromethane | 1,550 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <500 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <500 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <500 | | µg/L | GE |
| 0 | Ethylbenzene | <500 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | 4.7 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 11,100 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13,600 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <500 | | µg/L | GE |
| 2 | Tetrachloroethylene | 1,430 | | µg/L | GE |
| 0 | Toluene | <500 | | µg/L | GE |
| 2 | Total organic halogens | 2,740 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <500 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <500 | | µg/L | GE |
| 2 | Trichloroethylene | 6,710 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <500 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 1 | Gross alpha | 9.7E-09 ± 2.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 8.3E-09 ± 1.9E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.1E-09 ± 1.2E-09 | | µCi/mL | GE |

## WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: 146.67 ft (44.71 m) below TOC
Water elevation: 212.63 ft (64.81 m) msl
Sp. conductance: 111 µS/cm
Water evacuated before sampling: 209 gal

Time: 14:15
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | JQ6 | µg/L | GE |
| 0 | Chloroform | <50 | JQ6 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 11,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 585 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 511 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 1,490 | JQ6 | µg/L | GE |
| 0 | Gross alpha | 2.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.1E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.7E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
The well was dry.

Time: 12:25

## WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 133.36 ft (40.65 m) below TOC
Water elevation: 226.64 ft (69.14 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 35 gal

Time: 12:30
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 5.6 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 6.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,930 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,870 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.4E-07 ± 3.0E-07 | | µCi/mL | GE |

## WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 129.83 ft (39.57 m) below TOC
Water elevation: 210.37 ft (64.12 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 139 gal

Time: 15:20
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Aluminum | 24 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,370 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 33 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.2 | | µg/L | GE |

WELL MSB 18A collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 2,500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,570 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 18 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 5.4 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 120.66 ft (36.78 m) below TOC
Water elevation: 219.64 ft (66.95 m) msl
Sp. conductance: 131 µS/cm
Water evacuated before sampling: 73 gal
Time: 15:05
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 132 | | µS/cm | GE |
| 1 | Aluminum | 26 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 27 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 4,200 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 1 | 1,1-Dichloroethylene | 8.4 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 36 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Manganese | 25 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 11,200 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13,300 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 34 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 4.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 12 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 4.1 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 29 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.6E-09 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 1.2E-09 | | µCi/mL | GE |

## WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 114.46 ft (34.89 m) below TOC
Water elevation: 226.14 ft (68.93 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 15:30
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 1 | Aluminum | 41 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,530 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Iron | 349 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 8.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,340 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,860 | | µg/L | GE |
| 0 | Sulfate | 1,300 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 10 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 16 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 5.2 | | µg/L | GE |
| 0 | Gross alpha | 3.8E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 1.0E-09 | | µCi/mL | GE |

## WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 86.39 ft (26.33 m) below TOC
Water elevation: 213.11 ft (64.96 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 259 gal
Time: 7:40
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,670 | | µg/L | GE |
| 0 | Chloride | 1,650 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |

WELL MSB 19A collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochlorom ane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroetha e | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 24 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.6 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,290 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,760 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 4.4 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 26 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 17 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.2E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 84.17 ft (25.66 m) below TOC
Water elevation: 215.73 ft (65.76 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 192 gal

Time: 7:20
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Specific conductance | 18 | | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | 23 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Barium | 4.2 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |

WELL MSB 19B collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,710 | | µg/L | GE |
| 0 | Chloride | 2,350 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 11 | | µg/L | GE |
| 0 | Copper | 9.7 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.0 | | µg/L | GE |
| 0 | Dichloromethane | 4.1 | JV | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 3.8 | J3 | µg/L | WA |
| 0 | Manganese | 2.6 | | µg/L | GE |
| 0 | Manganese | 2.2 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 4.2 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 859 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 860 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 0.95 | J3 | µg/L | WA |
| 0 | Sodium | 1,530 | | µg/L | GE |
| 0 | Sodium | 1,580 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 17 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | 1.4 | | µg/L | GE |
| 0 | Trichloroethylene | 1.3 | J | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 9.8 | | µg/L | GE |
| 0 | Zinc | 14 | J2 | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.2E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.5E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.6E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 1.0E-09 ± 5.5E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.8E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium | 7.0E-11 ± 1.0E-11 | | µCi/mL | TM |

# ANALYTICAL RESULTS

WELL MSB 19B collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium | 7.0E-11 ± 1.0E-11 | | µCi/mL | TM |
| 0 | Uranium-234 | < 1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | < 1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | < 1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | < 1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | < 1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | < 1.0E-09 | | µCi/mL | CN |

## WELL MSB 19B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 84.17 ft (25.66 m) below TOC
Water elevation: 215.73 ft (65.76 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 192 gal
Time: 7:20
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Specific conductance | 18 | | µS/cm | WA |
| 0 | Aluminum | < 20 | | µg/L | GE |
| 0 | Aluminum | 16 | J3 | µg/L | WA |
| 0 | Arsenic | < 2.0 | | µg/L | GE |
| 0 | Arsenic | < 2.0 | | µg/L | WA |
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Barium | 4.1 | J3 | µg/L | WA |
| 0 | Benzene | < 1.0 | | µg/L | GE |
| 0 | Benzene | < 5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | < 1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | < 5.0 | | µg/L | WA |
| 0 | Bromoform | < 1.0 | | µg/L | GE |
| 0 | Bromoform | < 5.0 | | µg/L | WA |
| 0 | Bromomethane | < 1.0 | | µg/L | GE |
| 0 | Bromomethane | < 10 | | µg/L | WA |
| 0 | Cadmium | < 2.0 | | µg/L | GE |
| 0 | Cadmium | < 0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | < 1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | < 5.0 | | µg/L | WA |
| 0 | Chloride | 1,700 | | µg/L | GE |
| 0 | Chloride | 2,010 | | µg/L | WA |
| 0 | Chlorobenzene | < 1.0 | | µg/L | GE |
| 0 | Chlorobenzene | < 5.0 | | µg/L | WA |
| 0 | Chloroethane | < 1.0 | | µg/L | GE |
| 0 | Chloroethane | < 10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | < 1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | < 10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | < 1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | < 10 | | µg/L | WA |
| 0 | Chloroform | < 1.0 | | µg/L | GE |
| 0 | Chloroform | < 5.0 | | µg/L | WA |
| 0 | Chloromethane | < 1.0 | | µg/L | GE |
| 0 | Chloromethane | < 10 | | µg/L | WA |
| 0 | Chromium | < 4.0 | | µg/L | GE |
| 0 | Chromium | < 1.1 | | µg/L | WA |
| 0 | Copper | 11 | | µg/L | GE |
| 0 | Copper | 10 | | µg/L | WA |
| 0 | Cyanide | < 5.0 | | µg/L | GE |
| 0 | Cyanide | < 5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | < 1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | < 5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | < 5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | < 5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | < 5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | < 5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.6 | | µg/L | GE |
| 0 | Dichloromethane | 5.1 | V | µg/L | WA |
| 0 | 1,2-Dichloropropane | < 1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | < 5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | < 1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | < 5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | < 1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | < 5.0 | | µg/L | WA |
| 0 | Ethylbenzene | < 1.0 | | µg/L | GE |
| 0 | Ethylbenzene | < 5.0 | | µg/L | WA |
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | WA |
| 0 | Lead | < 3.0 | | µg/L | GE |
| 0 | Lead | 2.5 | J3 | µg/L | WA |
| 0 | Manganese | 2.5 | | µg/L | GE |
| 0 | Manganese | 2.3 | | µg/L | WA |
| 0 | Mercury | < 0.20 | | µg/L | GE |
| 0 | Mercury | 0.45 | | µg/L | WA |
| 0 | Nickel | < 4.0 | | µg/L | GE |
| 0 | Nickel | 3.4 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,060 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 880 | | µg/L | GE |
| 0 | Phenols | < 5.0 | | µg/L | GE |
| 0 | Phenols | < 5.0 | | µg/L | WA |
| 0 | Selenium | < 2.0 | J1 | µg/L | GE |
| 0 | Selenium | 3.7 | J3 | µg/L | WA |
| 0 | Silver | < 2.0 | | µg/L | GE |

WELL MSB 19B collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | < 0.70 | | µg/L | WA |
| 0 | Sodium | 1,520 | | µg/L | GE |
| 0 | Sodium | 1,600 | | µg/L | WA |
| 0 | Sulfate | < 1,000 | | µg/L | GE |
| 0 | Sulfate | < 2,500 | | µg/L | WA |
| 0 | Sulfate | < 2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | < 5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | < 1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | < 5.0 | | µg/L | WA |
| 0 | Toluene | < 1.0 | | µg/L | GE |
| 0 | Toluene | < 5.0 | | µg/L | WA |
| 0 | Total organic halogens | < 5.0 | | µg/L | GE |
| 1 | Total organic halogens | 30 | | µg/L | WA |
| 0 | Total phosphates (as P) | < 50 | | µg/L | GE |
| 0 | Total phosphates (as P) | < 20 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | < 5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | < 5.0 | | µg/L | WA |
| 0 | Trichloroethylene | 1.5 | | µg/L | GE |
| 0 | Trichloroethylene | 1.2 | J | µg/L | WA |
| 0 | Trichlorofluoromethane | < 1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | < 5.0 | | µg/L | WA |
| 0 | Uranium | < 20 | | µg/L | GE |
| 0 | Zinc | 9.5 | | µg/L | GE |
| 0 | Zinc | 26 | J2 | µg/L | WA |
| 0 | Gross alpha | 2.4E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Gross alpha | < 1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | < 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.3E-09 ± 6.8E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 8.2E-10 ± 4.9E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.1E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 1.6E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | < 1.0E-09 | | µCi/mL | GE |
| 0 | Uranium | 7.0E-11 ± 1.0E-11 | | µCi/mL | TM |
| 0 | Uranium-234 | < 1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | < 1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | < 1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | < 1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | < 1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | < 1.0E-09 | | µCi/mL | CN |

## WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 62.80 ft (19.14 m) below TOC
Water elevation: 237.40 ft (72.36 m) msl
Sp. conductance: 81 µS/cm
Water evacuated before sampling: 103 gal
Time: 8:00
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 0 | Aluminum | < 20 | | µg/L | GE |
| 0 | Arsenic | < 2.0 | | µg/L | GE |
| 0 | Barium | 7.8 | | µg/L | GE |
| 0 | Benzene | < 1.0 | | µg/L | GE |
| 0 | Benzene | < 1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | < 1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | < 1.0 | | µg/L | GE |
| 0 | Bromoform | < 1.0 | | µg/L | GE |
| 0 | Bromoform | < 1.0 | | µg/L | GE |
| 0 | Bromomethane | < 1.0 | | µg/L | GE |
| 0 | Bromomethane | < 1.0 | | µg/L | GE |
| 0 | Cadmium | < 2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | < 1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | < 1.0 | | µg/L | GE |
| 0 | Chloride | 2,680 | | µg/L | GE |
| 0 | Chlorobenzene | < 1.0 | | µg/L | GE |
| 0 | Chlorobenzene | < 1.0 | | µg/L | GE |
| 0 | Chloroethane | < 1.0 | | µg/L | GE |
| 0 | Chloroethane | < 1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | < 1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | < 1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | < 1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | < 1.0 | | µg/L | GE |
| 0 | Chloroform | < 1.0 | | µg/L | GE |
| 0 | Chloroform | < 1.0 | | µg/L | GE |
| 0 | Chloromethane | < 1.0 | | µg/L | GE |
| 0 | Chloromethane | < 1.0 | | µg/L | GE |
| 0 | Chromium | < 4.0 | | µg/L | GE |
| 0 | Copper | < 4.0 | | µg/L | GE |
| 0 | Cyanide | < 5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | < 1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | | µg/L | GE |

WELL MSB 19C collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dichloromethane | 2.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 111 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,990 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,880 | | µg/L | GE |
| 0 | Sulfate | 8,450 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 18 | | µg/L | GE |
| 0 | Total phosphates (as P) | 61 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethan | 3.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 125 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: 136.68 ft (41.66 m) below TOC
Water elevation: 217.32 ft (66.24 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 160 gal
Time: 13:25
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | JQ | µg/L | GE |
| 0 | Chloroform | <50 | JQ | µg/L | GE |
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,290 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <50 | JQ | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 347 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | JQ | µg/L | GE |
| 2 | Trichloroethylene | 1,230 | JQ | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 127.81 ft (38.96 m) below TOC
Water elevation: 225.49 ft (68.73 m) msl
Sp. conductance: 220 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 8:15
pH: 10.9
Alkalinity: 62 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |

WELL MSB 20C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,890 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.6 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.1 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.6E-08 ± 4.7E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.0E-07 ± 3.0E-07 | | µCi/mL | GE |

## WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 134.37 ft (40.96 m) below TOC
Water elevation: 219.03 ft (66.76 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 231 gal
Time: 10:35
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,720 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 17 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,420 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,450 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,740 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 5.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 52 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | V | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 135.27 ft (41.23 m) below TOC
Water elevation: 220.03 ft (67.07 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 203 gal

Time: 10:20
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <10 | | µg/L | GE |
| 0 | Chloroform | <10 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 810 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <10 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 92 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <10 | | µg/L | GE |
| 2 | Trichloroethylene | 333 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 125.80 ft (38.34 m) below TOC
Water elevation: 227.60 ft (69.37 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 42 gal

Time: 10:45
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.6 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,850 | | µg/L | GE |
| 0 | Chloride | 1,860 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 6.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 39 | | µg/L | GE |
| 0 | Lead | 4.5 | | µg/L | GE |
| 0 | Manganese | 5.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 850 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 860 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,730 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |

WELL MSB 21C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 19 | | µg/L | GE |
| 0 | Gross alpha | 3.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | V | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: 160.18 ft (48.82 m) below TOC
Water elevation: 194.52 ft (59.29 m) msl
Sp. conductance: 56 µS/cm
Water evacuated before sampling: 481 gal

Time: 14:30
pH: 5.6
Alkalinity: 10 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 1 | Aluminum | 34 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,930 | | µg/L | GE |
| 0 | Chloride | 1,830 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 1 | Iron | 159 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Manganese | 31 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.5 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,640 | | µg/L | GE |
| 0 | Sulfate | 8,580 | | µg/L | GE |
| 0 | Sulfate | 8,630 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 10 | | µg/L | GE |
| 0 | Gross alpha | 2.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.2E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 Time: 7:20
The well was dry.

## WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 Time: 9:25
The well was dry.

## WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 Time: 9:45
Depth to water: 148.68 ft (45.32 m) below TOC pH: 5.2
Water elevation: 222.92 ft (67.95 m) msl Alkalinity: 3 mg/L
Sp. conductance: 32 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <200 | JQ | µg/L | GE |
| 0 | Chloroform | <200 | JQ | µg/L | GE |
| 0 | Iron | 5.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 700 | | µg/L | GE |
| 2 | Tetrachloroethylene | 2,020 | JQ | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 1,830 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | JQ | µg/L | GE |
| 2 | Trichloroethylene | 4,240 | JQ | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 Time: 10:45
Depth to water: 170.55 ft (51.98 m) below TOC pH: 4.9
Water elevation: 202.35 ft (61.68 m) msl Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 372 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | JQ | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | JQ | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | JQ | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | JQ | µg/L | GE |
| 0 | Chloroform | <1.0 | JQ | µg/L | GE |
| 0 | Chloroform | <1.0 | JQ | µg/L | GE |
| 0 | Chloroform | <1.0 | JQ | µg/L | GE |
| 0 | Chloroform | <1.0 | JQ | µg/L | GE |
| 2 | Iron | 431 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | JQ | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | JQ | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 6.0E-10 | | µCi/mL | GE |

WELL MSB 23TA collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 Time: 12:00
Depth to water: 144.09 ft (43.92 m) below TOC pH: 5.1
Water elevation: 236.11 ft (71.97 m) msl Alkalinity: 38 mg/L
Sp. conductance: 90 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | 26 | | µg/L | GE |
| 0 | Iron | 26 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,260 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,240 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 5,400 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.4E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 Time: 8:55
Depth to water: 155.43 ft (47.38 m) below TOC
Water elevation: 226.17 ft (68.94 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 Time: 11:15
The well was dry.

## WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 Time: 11:40
Depth to water: 150.70 ft (45.93 m) below TOC pH: 4.7
Water elevation: 215.70 ft (65.75 m) msl Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm Water temperature: 22.7°C
Water evacuated before sampling: 147 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | JQ | µg/L | GE |
| 0 | Chloroform | <50 | JQ | µg/L | GE |
| 0 | Iron | 6.3 | | µg/L | GE |
| 0 | Lead | 3.1 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,750 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 365 | JQ | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 1,130 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | JQ | µg/L | GE |
| 2 | Trichloroethylene | 2,020 | JQ | µg/L | GE |
| 0 | Gross alpha | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.5E-06 ± 5.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 31 gal
Time: 11:55
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | JQ6 | µg/L | GE |
| 0 | Chloroform | <50 | JQ6 | µg/L | GE |
| 0 | Iron | 25 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 340 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 360 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 340 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 406 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 1,300 | JQ6 | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 3.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: 137.69 ft (42.03 m) below TOC
Water elevation: 223.01 ft (67.97 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 141 gal
Time: 12:15
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 320 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 481 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 144.75 ft (44.12 m) below TOC
Water elevation: 218.45 ft (66.58 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 226 gal
Time: 11:40
pH: 5.5
Alkalinity: 3 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 57 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 175 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92
Depth to water: 137.09 ft (41.79 m) below TOC
Water elevation: 238.41 ft (72.67 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 15 gal
Time: 11:05
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 25 | | µg/L | GE |
| 0 | Lead | 3.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,700 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.2 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 146.48 ft (44.65 m) below TOC
Water elevation: 228.72 ft (69.71 m) msl
Inaccessibility or mechanical problem prevented sample collection.
Time: 14:55

## WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92
Depth to water: 152.31 ft (46.42 m) below TOC
Water elevation: 224.49 ft (68.43 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 158 gal
Time: 10:50
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <200 | | µg/L | GE |
| 0 | Chloroform | <200 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 800 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <200 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 4,510 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | | µg/L | GE |
| 2 | Trichloroethylene | 7,320 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92
Depth to water: 175.19 ft (53.40 m) below TOC
Water elevation: 201.41 ft (61.39 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 396 gal
Time: 11:30
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |

WELL MSB 27TA collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 2 | Iron | 573 | | µg/L | GE |
| 2 | Iron | 577 | | µg/L | GE |
| 0 | Lead | 4.5 | | µg/L | GE |
| 1 | Manganese | 36 | | µg/L | GE |
| 1 | Manganese | 36 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 124.79 ft (38.04 m) below TOC
Water elevation: 229.81 ft (69.99 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 50 gal

Time: 12:10
pH: 6.7
Alkalinity: 41 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 7.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 190 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.1E-07 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/92
Depth to water: 131.50 ft (40.08 m) below TOC
Water elevation: 222.70 ft (67.88 m) msl
Sp. conductance: 12 µS/cm
Water evacuated before sampling: 208 gal

Time: 8:50
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <10 | JQ6 | µg/L | GE |
| 0 | Chloroform | <10 | JQ6 | µg/L | GE |
| 0 | Iron | 9.8 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 420 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <10 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 56 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <10 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 188 | JQ6 | µg/L | GE |
| 0 | Gross alpha | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92
Depth to water: 145.25 ft (44.27 m) below TOC
Water elevation: 220.15 ft (67.10 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 266 gal

Time: 13:20
pH: 8.2
Alkalinity: 11 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chloride | 1,470 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | 40 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 760 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,670 | | µg/L | GE |
| 0 | Sulfate | 4,320 | | µg/L | GE |
| 1 | Total organic carbon | 6,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.2E-08 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92
Depth to water: 140.52 ft (42.83 m) below TOC
Water elevation: 224.68 ft (68.48 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 202 gal

Time: 12:40
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.6 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.6 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chloride | 2,200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,590 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,120 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 2.5 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92 — Time: 13:05
Depth to water: 134.32 ft (40.94 m) below TOC — pH: 4.7
Water elevation: 230.88 ft (70.37 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 145 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.6 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chloride | 1,950 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,080 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 7.1 | | µg/L | GE |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92 — Time: 12:05
Depth to water: 132.15 ft (40.28 m) below TOC — pH: 4.8
Water elevation: 232.95 ft (71.00 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.8 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chloride | 2,500 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 7.5 | | µg/L | GE |
| 0 | Iron | 29 | | µg/L | GE |
| 0 | Lead | 6.4 | | µg/L | GE |
| 0 | Manganese | 2.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,520 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,740 | | µg/L | GE |
| 0 | Sulfate | 1,220 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Nonvolatile beta | 9.2E-09 ± 2.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92 — Time: 11:55
Depth to water: 152.61 ft (46.52 m) below TOC — pH: 4.8
Water elevation: 212.59 ft (64.80 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 400 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chloride | 1,500 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 8.8 | | µg/L | GE |
| 0 | Copper | 8.6 | | µg/L | GE |
| 0 | Iron | 102 | | µg/L | GE |
| 0 | Iron | 101 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 840 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,490 | | µg/L | GE |
| 0 | Sodium | 1,500 | | µg/L | GE |
| 0 | Sulfate | 1,650 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 4.7 | | µg/L | GE |
| 0 | Zinc | 4.7 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92 — Time: 13:50
Depth to water: 156.04 ft (47.56 m) below TOC — pH: 5.9
Water elevation: 198.56 ft (60.52 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 56 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 451 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 20 | | µg/L | GE |
| 0 | Iron | 20 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92
Depth to water: 129.12 ft (39.36 m) below TOC
Water elevation: 223.48 ft (68.12 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 77 gal
The well went dry during purging.

Time: 7:00
pH: 5.7
Alkalinity: 13 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 2 | Iron | 4,660 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Manganese | 86 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | 1,040 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.1E-09 ± 4.1E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 128.62 ft (39.20 m) below TOC
Water elevation: 224.48 ft (68.42 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 263 gal

Time: 13:00
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 5.2 | | µg/L | GE |
| 0 | Lead | 3.8 | | µg/L | GE |
| 0 | Manganese | 8.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 123.68 ft (37.70 m) below TOC
Water elevation: 231.22 ft (70.48 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 38 gal

Time: 13:40
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 6.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 260 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

WELL MSB 30C collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.4E-07 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 129.12 ft (39.36 m) below TOC
Water elevation: 224.58 ft (68.45 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 170 gal

Time: 13:30
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 4.6 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 15 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 710 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 149.31 ft (45.51 m) below TOC
Water elevation: 197.89 ft (60.32 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 488 gal

Time: 15:45
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,700 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 12 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 16 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 10 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 430 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,510 | | µg/L | GE |
| 0 | Sulfate | 1,940 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 31A collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 16 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 135.37 ft (41.26 m) below TOC
Water elevation: 212.13 ft (64.66 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 157 gal
Time: 15:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 1 | Aluminum | 34 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 10.0 | | µg/L | GE |
| 0 | Benzene | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <10 | | µg/L | GE |
| 0 | Bromoform | <10 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <10 | | µg/L | GE |
| 0 | Chloride | 2,020 | | µg/L | GE |
| 0 | Chlorobenzene | <10 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <10 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <10 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <10 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <10 | | µg/L | GE |
| 0 | Dichloromethane | 11 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <10 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <10 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,640 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,070 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <10 | | µg/L | GE |
| 2 | Tetrachloroethylene | 51 | | µg/L | GE |
| 0 | Toluene | <10 | | µg/L | GE |
| 2 | Total organic halogens | 137 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <10 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <10 | | µg/L | GE |
| 2 | Trichloroethylene | 474 | | µg/L | GE |
| 2 | Trichlorofluoromethane | 34 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 6.4 | | µg/L | GE |
| 0 | Gross alpha | 4.0E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/92
Depth to water: 113.83 ft (34.70 m) below TOC
Water elevation: 233.47 ft (71.16 m) msl
Sp. conductance: 128 µS/cm
Water evacuated before sampling: 46 gal
Time: 10:15
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 130 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 7.2 | V | mg/L | GE |
| 1 | Aluminum | 48 | | µg/L | GE |
| 0 | Ammonia nitrogen | <100 | | µg/L | GE |
| 0 | Ammonia nitrogen | <100 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 26 | | µg/L | GE |
| 0 | Benzene | <5,000 | | µg/L | GE |
| 0 | Bromodichloromethane | <5,000 | | µg/L | GE |
| 0 | Bromoform | <5,000 | | µg/L | GE |
| 0 | Bromomethane | <5,000 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5,000 | | µg/L | GE |
| 0 | Chloride | 5,980 | | µg/L | GE |
| 0 | Chloride | 5,900 | | µg/L | GE |
| 0 | Chlorobenzene | <5,000 | | µg/L | GE |
| 0 | Chloroethane | <5,000 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5,000 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5,000 | | µg/L | GE |
| 0 | Chloroform | <5,000 | | µg/L | GE |
| 0 | Chloromethane | <5,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5,000 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5,000 | | µg/L | GE |
| 0 | Dichloromethane | 15,200 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5,000 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5,000 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5,000 | | µg/L | GE |
| 0 | Ethylbenzene | <5,000 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 9.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.1 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 48,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,400 | | µg/L | GE |
| 0 | Sulfate | 8,930 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 62,700 | | µg/L | GE |
| 0 | Toluene | <5,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,000 | | µg/L | GE |
| 2 | Total organic halogens | 25,800 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5,000 | | µg/L | GE |
| 2 | Trichloroethylene | 41,800 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5,000 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 34 | | µg/L | GE |
| 2 | Gross alpha | 1.9E-08 ± 3.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.1E-08 ± 2.7E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 7.6E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 135.17 ft (41.20 m) below TOC
Water elevation: 213.63 ft (65.12 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 96 gal
Time: 14:50
pH: 5.8
Alkalinity: 5 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |

WELL MSB 31CC collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 7.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,940 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 13 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 177 | | µg/L | GE |
| 2 | Total organic halogens | 168 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 412 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: 31.05 ft (9.46 m) below TOC
Water elevation: 224.25 ft (68.35 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 70 gal

Time: 8:30
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 670 | | µg/L | GE |
| 2 | Tetrachloroethylene | 14 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 84 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 37.50 ft (11.43 m) below TOC
Water elevation: 219.10 ft (66.78 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 32 gal

Time: 11:30
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | 60 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,800 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 14 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 51.31 ft (15.64 m) below TOC
Water elevation: 204.09 ft (62.21 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 314 gal

Time: 10:25
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,030 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,100 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 14 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 47.88 ft (14.59 m) below TOC
Water elevation: 207.32 ft (63.19 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 223 gal

Time: 10:55
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,060 | | µg/L | GE |
| 2 | Tetrachloroethylene | 23 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 22 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 28 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: 45.16 ft (13.76 m) below TOC
Water elevation: 210.14 ft (64.05 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 113 gal

Time: 11:10
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.1 | | µg/L | GE |
| 0 | Mercury | 0.25 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,420 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 8.7 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.0E-07 ± 3.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 — Time: 11:20
Depth to water: 61.29 ft (18.68 m) below TOC — pH: 4.8
Water elevation: 194.21 ft (59.20 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 458 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 74 | | µg/L | GE |
| 0 | Lead | 5.6 | | µg/L | GE |
| 2 | Manganese | 54 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 430 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 12 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/92 — Time: 14:20
Depth to water: 165.40 ft (50.41 m) below TOC — pH: 4.8
Water elevation: 217.80 ft (66.39 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 274 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <100 | JQ | µg/L | GE |
| 0 | Chloroform | <100 | JQ | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,290 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 210 | JQ | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 995 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <100 | JQ | µg/L | GE |
| 2 | Trichloroethylene | 3,800 | JQ | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/92 — Time: 13:45
Depth to water: 157.47 ft (48.00 m) below TOC — pH: 5.0
Water elevation: 225.83 ft (68.77 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 14 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,100 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 35 | | µg/L | GE |
| 0 | Gross alpha | 2.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 — Time: 16:35
Depth to water: 151.70 ft (46.24 m) below TOC — pH: 4.8
Water elevation: 231.50 ft (70.58 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Iron | 5.7 | | µg/L | GE |
| 1 | Lead | 12 | | µg/L | GE |
| 0 | Manganese | 8.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,060 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,040 | | µg/L | GE |
| 2 | Tetrachloroethylene | 35 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 74 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 102 | | µg/L | GE |
| 0 | Gross alpha | 5.1E-09 ± 8.8E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.4E-09 ± 7.2E-10 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.5E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 — Time: 17:30
Depth to water: 179.83 ft (54.81 m) below TOC — pH: 5.7
Water elevation: 202.67 ft (61.77 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 801 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 1 | Iron | 285 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 380 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 — Time: 16:15
Depth to water: 178.12 ft (54.60 m) below TOC — pH: 5.0
Water elevation: 203.68 ft (62.08 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 362 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 2 | Iron | 310 | | µg/L | GE |
| 1 | Lead | 7.6 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 270 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 134.92 ft (41.12 m) below TOC
Water elevation: 216.18 ft (65.89 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 239 gal
Time: 8:15
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 5.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,110 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.9 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 132.65 ft (40.43 m) below TOC
Water elevation: 219.15 ft (66.80 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 141 gal
Time: 8:40
pH: 5.4
Alkalinity: 7 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 180 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
The well was dry.
Time: 7:45

## WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: 149.33 ft (45.52 m) below TOC
Water elevation: 201.07 ft (61.29 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 436 gal
Time: 8:50
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 88 | | µg/L | GE |
| 0 | Lead | 5.0 | | µg/L | GE |
| 0 | Manganese | 5.1 | | µg/L | GE |

WELL MSB 35TA collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 330 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 131.54 ft (40.09 m) below TOC
Water elevation: 209.06 ft (63.72 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 87 gal
The well went dry during purging.
Time: 4:50
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | GE |
| 0 | Specific conductance | 38 | | µS/cm | GE |
| 2 | Aluminum | 80 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,860 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 52 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 1 | Iron | 266 | | µg/L | GE |
| 1 | Lead | 9.9 | | µg/L | GE |
| 2 | Manganese | 91 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 14 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 350 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,820 | | µg/L | GE |
| 0 | Sulfate | 7,140 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7.3 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 2 | Total organic halogens | 140 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 264 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 50 | | µg/L | GE |
| 0 | Gross alpha | 3.1E-09 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.3E-09 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.8E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/92 — Time: 9:45
Depth to water: 126.65 ft (38.60 m) below TOC — pH: 4.6
Water elevation: 214.05 ft (65.24 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 220 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 220 | | µS/cm | GE |
| 0 | Specific conductance | 220 | | µS/cm | GE |
| 2 | Aluminum | 134 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 73 | | µg/L | GE |
| 0 | Benzene | <50 | | µg/L | GE |
| 0 | Bromodichloromethane | <50 | | µg/L | GE |
| 0 | Bromoform | <50 | | µg/L | GE |
| 0 | Bromomethane | <50 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chloride | 2,660 | | µg/L | GE |
| 0 | Chloride | 2,660 | | µg/L | GE |
| 0 | Chlorobenzene | <50 | | µg/L | GE |
| 0 | Chloroethane | <50 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <50 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <50 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 0 | Chloromethane | <50 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 4.5 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <50 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <50 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <50 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <50 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <50 | | µg/L | GE |
| 0 | Dichloromethane | 140 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <50 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <50 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <50 | | µg/L | GE |
| 0 | Ethylbenzene | <50 | | µg/L | GE |
| 0 | Iron | 5.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Manganese | 33 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 24,400 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 9,290 | | µg/L | GE |
| 0 | Sulfate | 1,080 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <50 | | µg/L | GE |
| 0 | Tetrachloroethylene | <50 | | µg/L | GE |
| 0 | Toluene | <50 | | µg/L | GE |
| 2 | Total organic halogens | 557 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 1,620 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 20 | | µg/L | GE |
| 1 | Gross alpha | 1.3E-08 ± 3.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.4E-08 ± 2.3E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.0E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 — Time: 1:40
Depth to water: 127.21 ft (38.77 m) below TOC — pH: 4.5
Water elevation: 213.59 ft (65.10 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 1 | Aluminum | 26 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.8 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |

WELL MSB 36C collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloride | 1,810 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 8.1 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 15 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,620 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,400 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 2 | Total organic halogens | 58 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 95 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 7.3 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 — Time: 5:10
Depth to water: 105.34 ft (32.11 m) below TOC — pH: 8.3
Water elevation: 236.16 ft (71.98 m) msl — Alkalinity: 21 mg/L
Sp. conductance: 56 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 17 | V | mg/L | GE |
| 0 | Alkalinity (as $CaCO_3$) | 18 | V | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Ammonia nitrogen | <100 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,750 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 11 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |

WELL MSB 36D collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 5.8 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Manganese | 53 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 300 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,890 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 7.7 | | µg/L | GE |
| 0 | Total organic halogens | 5.7 | | µg/L | GE |
| 0 | Total phosphates (as P) | 60 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 22 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.4E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: 146.06 ft (44.52 m) below TOC
Water elevation: 194.54 ft (59.30 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 379 gal

Time: 2:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.6 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,900 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 6.8 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Iron | 845 | | µg/L | GE |
| 0 | Lead | 5.3 | | µg/L | GE |
| 2 | Manganese | 58 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,490 | | µg/L | GE |
| 0 | Sulfate | 2,500 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

WELL MSB 36TA collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 2.7 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92
Depth to water: 174.79 ft (53.28 m) below TOC
Water elevation: 208.31 ft (63.49 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 73 gal
The well went dry during purging.

Time: 10:10
pH: 6.0
Alkalinity: 10 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Cadmium | 6.6 | | µg/L | GE |
| 0 | Carbon tetrachloride | <2.0 | | µg/L | GE |
| 0 | Chloroform | <2.0 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | 4.5 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 840 | | µg/L | GE |
| 2 | Tetrachloroethylene | 13 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 100 | | µg/L | GE |
| 2 | Total organic halogens | 108 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <2.0 | | µg/L | GE |
| 2 | Trichloroethylene | 65 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.6E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92
Depth to water: 163.09 ft (49.71 m) below TOC
Water elevation: 219.71 ft (66.97 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 214 gal

Time: 14:25
pH: 5.5
Alkalinity: 3 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 930 | | µg/L | GE |
| 2 | Tetrachloroethylene | 32 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 53 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 116 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92
Depth to water: 154.53 ft (47.10 m) below TOC
Water elevation: 228.57 ft (69.67 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 138 gal

Time: 14:15
pH: 5.6
Alkalinity: 6 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | 5.9 | | µg/L | GE |
| 0 | Iron | 4.9 | | µg/L | GE |

WELL MSB 37C collected on 08/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.2 | | µg/L | GE |
| 0 | Manganese | 4.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,010 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 29 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.3E-09 ± 6.6E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 Time: 13:50
Depth to water: 151.45 ft (46.16 m) below TOC
Water elevation: 231.35 ft (70.52 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92 Time: 14:05
Depth to water: 174.26 ft (53.12 m) below TOC pH: 4.9
Water elevation: 208.12 ft (63.44 m) msl Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm Water temperature: 22.6°C
Water evacuated before sampling: 498 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 0 | Iron | 106 | | µg/L | GE |
| 0 | Lead | 5.2 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,160 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 95 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 1,050 | | µg/L | GE |
| 2 | Total organic halogens | 1,000 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 1,770 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.6E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/92 Time: 12:10
Depth to water: 144.47 ft (44.03 m) below TOC pH: 8.1
Water elevation: 212.13 ft (64.66 m) msl Alkalinity: 12 mg/L
Sp. conductance: 43 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 191 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <100 | JQ6 | µg/L | GE |
| 0 | Chloroform | <100 | JQ6 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,680 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 1,180 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 739 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <100 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 2,000 | JQ6 | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/92 Time: 11:10
Depth to water: 141.20 ft (43.04 m) below TOC pH: 8.1
Water elevation: 215.10 ft (65.56 m) msl Alkalinity: 9 mg/L
Sp. conductance: 48 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 140 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <100 | JQ6 | µg/L | GE |
| 0 | Chloroform | <100 | JQ6 | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,020 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 980 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 786 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <100 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 1,680 | JQ6 | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 Time: 14:45
Depth to water: 126.03 ft (38.41 m) below TOC
Water elevation: 229.97 ft (70.10 m) msl
The well went dry before sampling began.

## WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 Time: 15:45
Depth to water: 160.57 ft (48.94 m) below TOC pH: 4.9
Water elevation: 196.13 ft (59.78 m) msl Alkalinity: 0 mg/L
Sp. conductance: 21 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 447 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 2 | Iron | 365 | | µg/L | GE |
| 0 | Lead | 6.3 | | µg/L | GE |
| 0 | Manganese | 21 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 70 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 Time: 11:55
Depth to water: 132.96 ft (40.53 m) below TOC pH: 6.4
Water elevation: 208.64 ft (63.59 m) msl Alkalinity: 30 mg/L
Sp. conductance: 105 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 67 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 85 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 2 | Cadmium | 6.6 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,200 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 15 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.7 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 210 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,000 | | µg/L | GE |
| 0 | Sulfate | 4,450 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.4 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 82 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 Time: 8:05
Depth to water: 130.44 ft (39.76 m) below TOC pH: 4.2
Water elevation: 211.36 ft (64.42 m) msl Alkalinity: 0 mg/L
Sp. conductance: 216 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 174 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.6 | JQ | pH | GE |
| 0 | Specific conductance | 208 | | µS/cm | GE |
| 2 | Aluminum | 78 | | µg/L | GE |
| 2 | Aluminum | 79 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 44 | | µg/L | GE |
| 0 | Barium | 44 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |

WELL MSB 39B collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloride | 4,480 | | µg/L | GE |
| 0 | Chloride | 4,480 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethylene | 21 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 6.9 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Iron | 5.8 | | µg/L | GE |
| 0 | Iron | 5.5 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | 0.28 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,490 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 25,800 | | µg/L | GE |
| 0 | Sodium | 26,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 144 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 2 | Total organic halogens | 132 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 14 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 153 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 5.0 | | µg/L | GE |
| 0 | Zinc | 4.9 | | µg/L | GE |
| 0 | Gross alpha | 2.5E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 8.1E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 Time: 7:20
Depth to water: 126.60 ft (38.59 m) below TOC pH: 4.1
Water elevation: 214.90 ft (65.50 m) msl Alkalinity: 0 mg/L
Sp. conductance: 44 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.5 | JQ | pH | GE |
| 0 | pH | 4.6 | JQ | pH | WA |
| 0 | Specific conductance | 42 | | µS/cm | GE |
| 0 | Specific conductance | 41 | JQ | µS/cm | WA |
| 2 | Aluminum | 72 | | µg/L | GE |
| 2 | Aluminum | 83 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.8 | | µg/L | GE |
| 0 | Barium | 8.3 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL MSB 39C collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,300 | | µg/L | GE |
| 0 | Chloride | 2,590 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.1 | | µg/L | GE |
| 0 | Dichloromethane | 3.7 | JV | µg/L | WA |
| 0 | Dichloromethane | 12 | V | µg/L | WA |
| 0 | Dichloromethane | 10 | V | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 4.7 | | µg/L | GE |
| 0 | Iron | 3.3 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Manganese | 6.1 | | µg/L | GE |
| 0 | Manganese | 5.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 3.9 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 3,040 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |

WELL MSB 39C collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,920 | | µg/L | GE |
| 0 | Sodium | 2,940 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 6.3 | | µg/L | GE |
| 2 | Tetrachloroethylene | 5.8 | | µg/L | WA |
| 2 | Tetrachloroethylene | 5.2 | | µg/L | WA |
| 2 | Tetrachloroethylene | 5.1 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 1 | Total organic halogens | 25 | | µg/L | GE |
| 1 | Total organic halogens | 30 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 23 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 48 | | µg/L | GE |
| 2 | Trichloroethylene | 53 | | µg/L | WA |
| 2 | Trichloroethylene | 48 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Zinc | 3.6 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.6E-09 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | 3.8E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.4E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 6.5E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 6.2E-10 ± 4.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <9.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |

## WELL MSB 39C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 Time: 7:20
Depth to water: 126.60 ft (38.59 m) below TOC pH: 4.1
Water elevation: 214.90 ft (65.50 m) msl Alkalinity: 0 mg/L
Sp. conductance: 44 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.5 | JQ | pH | GE |
| 0 | pH | 4.5 | JQ | pH | GE |
| 0 | pH | 4.6 | JQ | pH | WA |
| 0 | Specific conductance | 42 | | µS/cm | GE |
| 0 | Specific conductance | 42 | | µS/cm | GE |
| 0 | Specific conductance | 41 | JQ | µS/cm | WA |
| 2 | Aluminum | 68 | | µg/L | GE |
| 2 | Aluminum | 81 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.8 | | µg/L | GE |
| 0 | Barium | 7.7 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,260 | | µg/L | GE |
| 0 | Chloride | 2,310 | | µg/L | GE |
| 0 | Chloride | 2,790 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |

WELL MSB 39C collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | Dichloromethane | 10 | V | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Iron | 4.8 | | µg/L | GE |
| 0 | Iron | 4.2 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Manganese | 6.2 | | µg/L | GE |
| 0 | Manganese | 5.4 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 4.5 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 2,900 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 3,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 2.3 | J3 | µg/L | WA |
| 0 | Sodium | 2,910 | | µg/L | GE |
| 0 | Sodium | 3,080 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <2,500 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 6.2 | | µg/L | GE |
| 2 | Tetrachloroethylene | 5.3 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic halogens | 24 | | µg/L | GE |
| 0 | Total organic halogens | 22 | | µg/L | GE |
| 0 | Total organic halogens | 20 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 46 | | µg/L | GE |
| 2 | Trichloroethylene | 50 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Zinc | 3.7 | | µg/L | GE |
| 0 | Zinc | 10 | | µg/L | WA |
| 0 | Gross alpha | 2.2E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Gross alpha | 1.7E-09 ± 6.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 9.2E-10 ± 5.1E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 5.5E-10 ± 3.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <9.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.2E-09 ± 9.6E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |

## WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 — Time: 8:20
Depth to water: 110.17 ft (33.58 m) below TOC — pH: 4.7
Water elevation: 231.53 ft (70.57 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 3.3 | V | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Ammonia nitrogen | <100 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 4,940 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 15 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 44 | | µg/L | GE |
| 1 | Lead | 9.6 | | µg/L | GE |
| 0 | Manganese | 6.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 30,800 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,600 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 5.8 | | µg/L | GE |
| 0 | Gross alpha | 2.0E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.1E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 — Time: 7:55
Depth to water: 148.58 ft (45.29 m) below TOC — pH: 4.4
Water elevation: 193.22 ft (58.89 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 427 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 39TA collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,170 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 4.8 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.8 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Iron | 682 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 18 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 30,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,400 | | µg/L | GE |
| 0 | Sulfate | 1,320 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 2.1 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 — Time: 4:05
Depth to water: 118.94 ft (36.25 m) below TOC — pH: 4.2
Water elevation: 202.26 ft (61.65 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 237 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.7 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 2 | Aluminum | 64 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,070 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |

WELL MSB 40A collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Iron | 1,390 | | µg/L | GE |
| 1 | Lead | 7.9 | | µg/L | GE |
| 1 | Manganese | 40 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.2 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,950 | | µg/L | GE |
| 0 | Sulfate | 13,200 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 22 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 — Time: 14:00
Depth to water: 117.20 ft (35.72 m) below TOC — pH: 5.0
Water elevation: 204.50 ft (62.33 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 22.9°C
Water evacuated before sampling: 142 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Aluminum | 24 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,770 | | µg/L | GE |
| 0 | Chloride | 1,740 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 15 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 6.6 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,600 | | µg/L | GE |
| 0 | Sulfate | 1,670 | | µg/L | GE |
| 0 | Sulfate | 1,650 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.1 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 2 | Total organic halogens | 386 | | µg/L | GE |
| 0 | Total phosphates (as P) | 53 | | µg/L | GE |

WELL MSB 40B collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | 1.5 | | µg/L | GE |
| 2 | Trichloroethylene | 1,310 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 24 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 Time: 9:10
Depth to water: 117.23 ft (35.73 m) below TOC pH: 5.6
Water elevation: 204.87 ft (62.45 m) msl Alkalinity: 8 mg/L
Sp. conductance: 72 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 72 | | µS/cm | GE |
| 2 | Aluminum | 147 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,820 | | µg/L | GE |
| 0 | Chloride | 1,810 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Iron | 884 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Manganese | 46 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 150 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,600 | | µg/L | GE |
| 0 | Sulfate | 12,200 | | µg/L | GE |
| 0 | Sulfate | 12,200 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 5.6 | | µg/L | GE |
| 0 | Total phosphates (as P) | 2,050 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 4.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 13 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 Time: 2:50
Depth to water: 85.24 ft (29.03 m) below TOC
Water elevation: 227.66 ft (69.39 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 Time: 4:15
Depth to water: 131.54 ft (40.09 m) below TOC pH: 4.9
Water elevation: 189.26 ft (57.69 m) msl Alkalinity: 2 mg/L
Sp. conductance: 27 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 430 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,790 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 9.5 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Iron | 304 | | µg/L | GE |
| 0 | Lead | 7.0 | | µg/L | GE |
| 1 | Lead | 7.7 | | µg/L | GE |
| 1 | Manganese | 42 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,400 | | µg/L | GE |
| 0 | Sulfate | 2,480 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 4.9 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 — Time: 11:30
Depth to water: 107.15 ft (32.66 m) below TOC — pH: 5.6
Water elevation: 216.85 ft (66.04 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 349 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,460 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.8 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 4.0E-09 ± 7.8E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.7E-09 ± 6.8E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 — Time: 12:15
Depth to water: 106.14 ft (32.35 m) below TOC — pH: 5.2
Water elevation: 217.86 ft (66.40 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 285 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,180 | | µg/L | GE |
| 2 | Tetrachloroethylene | 9.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.2 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.1 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.9E-09 ± 5.7E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 — Time: 12:45
Depth to water: 107.45 ft (32.75 m) below TOC — pH: 4.9
Water elevation: 217.15 ft (66.19 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 184 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 5.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,060 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 — Time: 9:45
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity: 4 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 71 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Manganese | 466 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 510 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 8.8 | | µg/L | GE |
| 0 | Total organic halogens | 7.4 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-09 ± 2.9E-10 | | µCi/mL | GE |
| 0 | Total activity | 2.0E-06 ± 1.2E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.7E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 — Time: 12:20
Depth to water: 117.63 ft (35.85 m) below TOC — pH: 5.0
Water elevation: 206.07 ft (62.81 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 487 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 132 | | µg/L | GE |
| 0 | Lead | 5.9 | | µg/L | GE |
| 1 | Manganese | 33 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 890 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 — Time: 10:35
Depth to water: 157.70 ft (48.07 m) below TOC — pH: 5.0
Water elevation: 218.90 ft (66.72 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 248 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | JQ6 | µg/L | GE |
| 0 | Chloroform | <25 | JQ6 | µg/L | GE |
| 0 | Iron | 42 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,100 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 205 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 481 | | µg/L | GE |
| 2 | Total organic halogens | 452 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 868 | JQ6 | µg/L | GE |

WELL MSB 42A collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 Time: 12:50
Depth to water: 150.70 ft (45.93 m) below TOC pH: 4.8
Water elevation: 225.80 ft (68.82 m) msl Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm Water temperature: 22.4°C
Water evacuated before sampling: 167 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | 1.7 | | µg/L | GE |
| 0 | Chloroform | 4.3 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,020 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,040 | | µg/L | GE |
| 2 | Tetrachloroethylene | 5.4 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 47 | | µg/L | GE |
| 1 | Total organic halogens | 45 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 18 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 Time: 13:05
Depth to water: 145.45 ft (44.33 m) below TOC pH: 5.2
Water elevation: 231.05 ft (70.42 m) msl Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 6.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 6.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,260 | | µg/L | GE |
| 0 | Tetrachloroethylene | 2.1 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 4.7 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 Time: 12:25
Depth to water: 144.06 ft (43.91 m) below TOC
Water elevation: 232.44 ft (70.85 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 Time: 13:35
Depth to water: 170.65 ft (52.01 m) below TOC pH: 5.2
Water elevation: 206.05 ft (62.80 m) msl Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm Water temperature: 22.4°C
Water evacuated before sampling: 430 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 132 | | µg/L | GE |
| 0 | Lead | 5.2 | | µg/L | GE |
| 0 | Manganese | 15 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 850 | | µg/L | GE |
| 2 | Tetrachloroethylene | 10 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 19 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92 Time: 17:05
Depth to water: 128.72 ft (39.23 m) below TOC pH: 5.1
Water elevation: 229.18 ft (69.85 m) msl Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 244 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.4 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chloride | 1,140 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | 7.4 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,570 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,540 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 8.9 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92 Time: 15:55
Depth to water: 128.02 ft (39.02 m) below TOC pH: 4.4
Water elevation: 229.98 ft (70.10 m) msl Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 155 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chloride | 1,460 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |

WELL MSB 43B collected on 07/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,670 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,980 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 7.6 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 126.40 ft (38.53 m) below TOC
Water elevation: 231.10 ft (70.44 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 79 gal

Time: 16:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | pH | 4.9 | JQ | pH | WA |
| 0 | pH | 4.9 | JQ | pH | WA |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Specific conductance | 20 | JQ | µS/cm | WA |
| 0 | Specific conductance | 20 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Barium | 5.5 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Chloride | 1,700 | | µg/L | GE |
| 0 | Chloride | 1,720 | | µg/L | GE |
| 0 | Chloride | 1,860 | | µg/L | WA |
| 0 | Chloride | 1,800 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | 14 | | µg/L | GE |
| 0 | Copper | 14 | | µg/L | GE |
| 0 | Copper | 12 | | µg/L | WA |
| 0 | Iron | 72 | | µg/L | GE |
| 0 | Iron | 70 | | µg/L | GE |
| 0 | Iron | 124 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 2.8 | J3 | µg/L | WA |
| 1 | Manganese | 42 | | µg/L | GE |
| 1 | Manganese | 41 | | µg/L | GE |
| 1 | Manganese | 43 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,110 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 970 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 0.72 | J3 | µg/L | WA |
| 0 | Sodium | 1,540 | | µg/L | GE |
| 0 | Sodium | 1,510 | | µg/L | GE |
| 0 | Sodium | 1,570 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 510 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 627 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |

WELL MSB 43D collected on 07/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc | 9.7 | | µg/L | GE |
| 0 | Zinc | 9.7 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | WA |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 2.8E-09 ± 9.2E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <8.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |

## WELL MSB 43D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 126.40 ft (38.53 m) below TOC
Water elevation: 231.10 ft (70.44 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 79 gal

Time: 16:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Specific conductance | 20 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.5 | | µg/L | GE |
| 0 | Barium | 5.4 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Chloride | 1,710 | | µg/L | GE |
| 0 | Chloride | 1,870 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.6 | J3 | µg/L | WA |
| 0 | Copper | 14 | | µg/L | GE |
| 0 | Copper | 12 | | µg/L | WA |
| 0 | Iron | 71 | | µg/L | GE |
| 0 | Iron | 132 | | µg/L | WA |
| 0 | Lead | 5.4 | | µg/L | GE |
| 0 | Lead | 4.7 | J3 | µg/L | WA |
| 1 | Manganese | 42 | | µg/L | GE |
| 1 | Manganese | 43 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 994 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 930 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 940 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | 2.7 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,560 | | µg/L | GE |
| 0 | Sodium | 1,600 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 630 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 824 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Zinc | 13 | | µg/L | WA |
| 0 | Gross alpha | 1.2E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 2.7E-09 ± 9.2E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 3.6E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 1.7E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <8.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

WELL MSB 43D collected on 07/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |

## WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: 153.62 ft (46.82 m) below TOC
Water elevation: 203.98 ft (62.17 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 439 gal
Time: 16:45
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chloride | 1,900 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 5.8 | | µg/L | GE |
| 2 | Iron | 351 | | µg/L | GE |
| 1 | Lead | 8.2 | | µg/L | GE |
| 1 | Manganese | 31 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 100 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,400 | | µg/L | GE |
| 0 | Sulfate | 1,020 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 2.1 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92
Depth to water: 158.86 ft (48.42 m) below TOC
Water elevation: 218.04 ft (66.46 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 246 gal
Time: 11:05
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 50 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 8.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 510 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 2.7 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 8.8E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92
Depth to water: 152.41 ft (46.46 m) below TOC
Water elevation: 224.69 ft (68.49 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 133 gal
Time: 10:50
pH: 5.3
Alkalinity: 2 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 6.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 100 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92
Depth to water: 142.69 ft (43.49 m) below TOC
Water elevation: 235.21 ft (71.69 m) msl
Sp. conductance: 154 µS/cm
Water evacuated before sampling: 4 gal
Time: 11:45
pH: 8.3
Alkalinity: 30 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 6.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Manganese | 28 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 340 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 8.1 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 6.6E-09 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.9E-09 ± 1.7E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.9E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92
Depth to water: 165.36 ft (50.40 m) below TOC
Water elevation: 215.74 ft (65.76 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 228 gal
Time: 8:25
pH: 5.2
Alkalinity: 6 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | JQ6 | µg/L | GE |
| 0 | Chloroform | <25 | JQ6 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,670 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 153 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 320 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 615 | JQ6 | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 9.0E-10 | | µCi/mL | GE |

# ANALYTICAL RESULTS

WELL MSB 45A collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | 2.0E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92 — Time: 11:30
Depth to water: 156.09 ft (47.58 m) below TOC — pH: 4.9
Water elevation: 225.01 ft (68.58 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 119 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 47 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 170 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92 — Time: 11:10
The well was dry.

## WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 — Time: 12:10
Depth to water: 156.84 ft (47.81 m) below TOC — pH: 9.2
Water elevation: 215.86 ft (65.79 m) msl — Alkalinity: 55 mg/L
Sp. conductance: 132 µS/cm — Water temperature: 23.8°C
Water evacuated before sampling: 47 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 8.6 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.0E-08 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 — Time: 12:25
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity: 3 mg/L
Sp. conductance: 54 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 112 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |

WELL MSB 46B collected on 08/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 740 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 — Time: 12:55
Depth to water: 131.90 ft (40.20 m) below TOC — pH: 5.4
Water elevation: 240.90 ft (73.43 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 2 | Carbon tetrachloride | 6.1 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 26 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,720 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 1 | Total organic carbon | 8,960 | | µg/L | GE |
| 0 | Total organic halogens | 10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 1 | Gross alpha | 1.5E-08 ± 2.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.5E-08 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.2E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 — Time: 11:40
Depth to water: 143.74 ft (43.81 m) below TOC — pH: 5.9
Water elevation: 225.26 ft (68.66 m) msl — Alkalinity: 20 mg/L
Sp. conductance: 91 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 157 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <100 | JQ6 | µg/L | GE |
| 0 | Chloroform | <100 | JQ6 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 7.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,550 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <100 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 1,010 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <100 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 2,060 | JQ6 | µg/L | GE |
| 0 | Gross alpha | 4.5E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.5E-09 ± 7.8E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.1E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.6E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 — Time: 13:20
Depth to water: 150.39 ft (45.84 m) below TOC — pH: 6.2
Water elevation: 218.71 ft (66.66 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 273 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 42 | | µS/cm | GE |
| 0 | Aluminum | 23 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 30 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,410 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,620 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 7.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 236 | | µg/L | GE |
| 0 | Manganese | 3.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,190 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,400 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 11,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 42,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.6 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 26 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 — Time: 12:05
Depth to water: 136.46 ft (41.59 m) below TOC — pH: 5.6
Water elevation: 232.84 ft (70.97 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 63 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 95 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <200 | JQ6 | µg/L | GE |
| 0 | Chloroform | <200 | JQ6 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |

WELL MSB 47C collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,500 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,550 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <200 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 3,580 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 7,540 | JQ6 | µg/L | GE |
| 0 | Gross alpha | 2.4E-09 ± 5.8E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.6E-09 ± 5.7E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 9.5E-06 ± 8.0E-07 | | µCi/mL | GE |

## WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 — Time: 12:55
Depth to water: 135.27 ft (41.23 m) below TOC — pH: 4.7
Water elevation: 233.93 ft (71.30 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 65 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 17 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Manganese | 35 | | µg/L | GE |
| 0 | Mercury | 0.56 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,850 | | µg/L | GE |
| 2 | Tetrachloroethylene | 16 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 31 | | µg/L | GE |
| 1 | Gross alpha | 8.2E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 7.4E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.3E-09 ± 7.2E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.1E-09 ± 8.7E-10 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 5.6E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.1E-07 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92 — Time: 12:45
Depth to water: 152.24 ft (46.40 m) below TOC — pH: 4.8
Water elevation: 216.76 ft (66.07 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 437 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | JQ6 | µg/L | GE |
| 0 | Chloroform | <25 | JQ6 | µg/L | GE |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 0 | Manganese | 3.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,390 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <25 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 333 | | µg/L | GE |
| 2 | Total organic halogens | 387 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 823 | JQ6 | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 139.10 ft (42.40 m) below TOC
Water elevation: 223.10 ft (68.00 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 257 gal

Time: 12:45
pH: 5.7
Alkalinity: 3 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | pH | 6.8 | JQ | pH | WA |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Specific conductance | 27 | JQ | µS/cm | WA |
| 0 | Specific conductance | 27 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.3 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 2,290 | | µg/L | GE |
| 0 | Calcium | 1,880 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,180 | | µg/L | GE |
| 0 | Chloride | 1,280 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | Dichloromethane | 3.5 | JV | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 9.1 | | µg/L | WA |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 481 | | µg/L | GE |
| 0 | Magnesium | 418 | | µg/L | WA |
| 0 | Manganese | 2.0 | | µg/L | GE |
| 0 | Manganese | 1.5 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,450 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,610 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |

WELL MSB 48A collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | 259 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,070 | | µg/L | GE |
| 0 | Silica | 8,160 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,780 | | µg/L | GE |
| 0 | Sodium | 1,600 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 307 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 26,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 22,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 9.8 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 25 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Zinc | 6.9 | | µg/L | GE |
| 0 | Zinc | 6.6 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <9.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.1E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 1.4E-09 ± 4.6E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 7.0E-10 ± 5.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.5E-07 | | µCi/mL | TM |

## WELL MSB 48A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 139.10 ft (42.40 m) below TOC
Water elevation: 223.10 ft (68.00 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 257 gal

Time: 12:45
pH: 5.7
Alkalinity: 3 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.5 | JQ | pH | WA |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Specific conductance | 28 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.0 | | µg/L | GE |
| 0 | Barium | 8.0 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 2,070 | | µg/L | GE |
| 0 | Calcium | 2,150 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,180 | | µg/L | GE |
| 0 | Chloride | 1,250 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |

WELL MSB 48A collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 2.8 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | JV | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 4.5 | | µg/L | GE |
| 0 | Iron | 6.5 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 470 | | µg/L | GE |
| 0 | Magnesium | 465 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 1.5 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,520 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,610 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,620 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 473 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,540 | | µg/L | GE |
| 0 | Silica | 6,620 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,740 | | µg/L | GE |
| 0 | Sodium | 1,680 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 320 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 31,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 14,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 12 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 37 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | 9.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <9.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.7E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 2.1E-09 ± 5.7E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.0E-09 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.4E-07 | | µCi/mL | TM |

## WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92
Depth to water: 137.73 ft (41.98 m) below TOC
Water elevation: 224.17 ft (68.33 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 184 gal
Time: 9:30
pH: 5.7
Alkalinity: 5 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Specific conductance | 42 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,290 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,900 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 9.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 602 | | µg/L | GE |
| 0 | Manganese | 3.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,850 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 523 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,130 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,570 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 85 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 204 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 3.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 138.00 ft (42.06 m) below TOC
Water elevation: 224.90 ft (68.55 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 133 gal
Time: 13:20
pH: 6.3
Alkalinity: 11 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Manganese | 5.4 | | µg/L | GE |

WELL MSB 48C collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,070 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 23 | | µg/L | GE |
| 0 | Total organic halogens | 23 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 40 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92
Depth to water: 129.53 ft (39.48 m) below TOC
Water elevation: 233.67 ft (71.22 m) msl
Sp. conductance: 158 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.

Time: 10:35
pH: 9.0
Alkalinity: 71 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Manganese | 2.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 80 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 8.0E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.5E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 139.81 ft (42.61 m) below TOC
Water elevation: 222.58 ft (67.85 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 318 gal

Time: 13:00
pH: 6.7
Alkalinity: 18 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 1 | Aluminum | 33 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.1 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 6,730 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,310 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.5 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 28 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 437 | | µg/L | GE |

WELL MSB 48TA collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | 18 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,540 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,450 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,050 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 35,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 60 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 137.89 ft (42.03 m) below TOC
Water elevation: 197.51 ft (60.20 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 327 gal

Time: 11:00
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 30 | | µg/L | GE |
| 0 | Iron | 30 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 10 | | µg/L | GE |
| 0 | Manganese | 10 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 410 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 131.29 ft (40.02 m) below TOC
Water elevation: 203.51 ft (62.03 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 244 gal

Time: 10:30
pH: 6.4
Alkalinity: 91 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <2.0 | | µg/L | GE |
| 0 | Chloroform | <2.0 | | µg/L | GE |
| 0 | Iron | 4.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 6.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,780 | | µg/L | GE |
| 2 | Tetrachloroethylene | 9.8 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 62 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <2.0 | | µg/L | GE |

WELL MSB 49B collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Trichloroethylene | 171 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.8E-09 ± 5.5E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 — Time: 16:15
Depth to water: 104.83 ft (31.95 m) below TOC — pH: 5.5
Water elevation: 229.37 ft (69.91 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 58 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 7.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 970 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 1 | Gross alpha | 1.0E-08 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.4E-09 ± 1.9E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.7E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 — Time: 8:35
Depth to water: 21.97 ft (6.70 m) below TOC — pH: 5.5
Water elevation: 202.03 ft (61.58 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 139 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 4.8 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,110 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 21 | | µg/L | GE |
| 0 | Total organic halogens | 19 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.7E-07 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 — Time: 8:20
Depth to water: 21.47 ft (6.54 m) below TOC — pH: 5.6
Water elevation: 202.03 ft (61.58 m) msl — Alkalinity: 11 mg/L
Sp. conductance: 74 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 22 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Manganese | 36 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 120 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |

WELL MSB 50D collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.2E-07 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92 — Time: 7:45
Depth to water: 59.77 ft (18.22 m) below TOC — pH: 5.8
Water elevation: 203.73 ft (62.10 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 135 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 330 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.2E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92 — Time: 8:20
Depth to water: 51.76 ft (15.78 m) below TOC — pH: 4.9
Water elevation: 210.74 ft (64.23 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 42 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | 1.0 | | µg/L | GE |
| 0 | Iron | 4.4 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Manganese | 5.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 90 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 90 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.1E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 — Time: 13:20
Depth to water: 103.32 ft (31.48 m) below TOC — pH: 5.7
Water elevation: 218.58 ft (66.62 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 54 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 139 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 5.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,170 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7.4 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.1 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 5.6 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 — Time: 9:20
Depth to water: 83.68 ft (25.50 m) below TOC — pH: 5.2
Water elevation: 238.14 ft (72.59 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 49 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | 1.4 | | µg/L | GE |
| 0 | Iron | 35 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 5.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 230 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.7E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 — Time: 9:15
Depth to water: 122.57 ft (37.36 m) below TOC — pH: 5.1
Water elevation: 222.03 ft (67.68 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 195 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 360 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

WELL MSB 53B collected on 08/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 — Time: 9:35
Depth to water: 122.77 ft (37.42 m) below TOC — pH: 5.1
Water elevation: 222.73 ft (67.89 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 580 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.4 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.3 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 — Time: 9:00
Depth to water: 111.38 ft (33.95 m) below TOC — pH: 5.1
Water elevation: 233.72 ft (71.24 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 65 | | µg/L | GE |
| 2 | Lead | 23 | | µg/L | GE |
| 0 | Manganese | 3.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 900 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 820 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.3 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92 — Time: 14:15
Depth to water: 151.00 ft (46.03 m) below TOC — pH: 5.6
Water elevation: 222.70 ft (67.88 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 241 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Manganese | 3.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,090 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |

WELL MSB 54B collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 146.66 ft (44.70 m) below TOC
Water elevation: 227.04 ft (69.20 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 186 gal
Time: 14:45
pH: 10.1
Alkalinity: 50 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,390 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 2.6E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 139.91 ft (42.65 m) below TOC
Water elevation: 234.09 ft (71.35 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 28 gal
Time: 14:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 35 | | µg/L | GE |
| 1 | Lead | 11 | J2 | µg/L | GE |
| 0 | Manganese | 4.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,730 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 6.6E-09 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.8E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 7.9E-07 ± 3.0E-07 | | µCi/mL | GE |

## WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 153.52 ft (46.79 m) below TOC
Water elevation: 220.28 ft (67.14 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 380 gal
Time: 15:05
pH: 6.6
Alkalinity: 10 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,040 | | µg/L | GE |

WELL MSB 54TA collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 147.07 ft (44.83 m) below TOC
Water elevation: 221.83 ft (67.61 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 193 gal
Time: 15:50
pH: 3.9
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.0 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 2 | Aluminum | 356 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.6 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 665 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,040 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.5 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 83 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 820 | | µg/L | GE |
| 0 | Manganese | 9.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 834 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 43,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,750 | | µg/L | GE |
| 0 | Sulfate | 13,200 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 70,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | 3.8E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.9E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 140.31 ft (42.77 m) below TOC
Water elevation: 229.19 ft (69.86 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 117 gal
Time: 16:05
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 6.7 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Manganese | 6.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,310 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 134.20 ft (40.90 m) below TOC
Water elevation: 234.20 ft (71.39 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 26 gal
Time: 16:25
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 21 | | µg/L | GE |
| 0 | Iron | 21 | | µg/L | GE |
| 1 | Lead | 14 | J2 | µg/L | GE |
| 1 | Lead | 14 | J2 | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,540 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 7.0E-09 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.1E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92
Depth to water: 135.65 ft (41.35 m) below TOC
Water elevation: 233.15 ft (71.06 m) msl
Sp. conductance: 198 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 13:10
pH: 10.5
Alkalinity: 61 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 0 | Specific conductance | 220 | | µS/cm | GE |
| 2 | Aluminum | 208 | | µg/L | GE |
| 2 | Aluminum | 207 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 197 | | µg/L | GE |
| 0 | Barium | 197 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |

WELL MSB 55HC collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 10,400 | | µg/L | GE |
| 0 | Calcium | 10,300 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,730 | | µg/L | GE |
| 0 | Chloride | 1,720 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Iron | 9.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 116 | | µg/L | GE |
| 0 | Magnesium | 115 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,830 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 5,690 | | µg/L | GE |
| 0 | Potassium | 5,630 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 22,000 | | µg/L | GE |
| 0 | Silica | 22,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 21,900 | | µg/L | GE |
| 0 | Sodium | 21,900 | | µg/L | GE |
| 0 | Sulfate | 7,680 | | µg/L | GE |
| 0 | Sulfate | 7,700 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 109,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Total phosphates (as P) | 118 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | 4.6E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.4E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 154.73 ft (47.16 m) below TOC
Water elevation: 214.07 ft (65.25 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 335 gal
Time: 16:15
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.1 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,950 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,300 | | µg/L | GE |

WELL MSB 55TA collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.9 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 121 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 153 | | µg/L | GE |
| 0 | Manganese | 21 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,280 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,480 | | µg/L | GE |
| 0 | Sulfate | 2,030 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 16,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92
Depth to water: 58.82 ft (17.93 m) below TOC
Water elevation: 220.98 ft (67.36 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 26 gal
Time: 15:35
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 52 | | µg/L | GE |
| 0 | Lead | 4.6 | | µg/L | GE |
| 0 | Manganese | 8.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 320 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 6.0E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.0E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92
Depth to water: 125.29 ft (38.19 m) below TOC
Water elevation: 230.91 ft (70.38 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.
Time: 7:10
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.2 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,810 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialiate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 57C collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 1 | Manganese | 38 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,380 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |

WELL MSB 57D collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | JQ | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,520 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7.4 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 60 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 14 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 1 | Gross alpha | 9.3E-09 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.2E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.1E-09 ± 8.0E-10 | | µCi/mL | GE |

## WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92 Time: 7:45
Depth to water: 127.07 ft (38.73 m) below TOC pH: 5.0
Water elevation: 230.83 ft (70.36 m) msl Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <10,000 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <100 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <2,000 | | µg/L | GE |

WELL MSB 58D collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acrylonitrile | <2,000 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <5,000 | | µg/L | GE |
| 1 | Aluminum | 30 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.1 | | µg/L | GE |
| 0 | Benzene | <100 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <1,000 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <100 | | µg/L | GE |
| 0 | Bromoform | <100 | | µg/L | GE |
| 0 | Bromomethane | <100 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <100 | | µg/L | GE |
| 0 | Carbon tetrachloride | <100 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,480 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <100 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <100 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <100 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <100 | | µg/L | GE |
| 0 | Chloromethane | <100 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <20,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 6.6 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <100 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <100 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <2,000 | | µg/L | GE |
| 0 | Dibromomethane | <100 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <3,000 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <100 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <100 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <100 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <100 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <100 | | µg/L | GE |
| 0 | Dichloromethane | 280 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <100 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <100 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <100 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |

WELL MSB 58D collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <100 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <100 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <1,500 | | µg/L | GE |
| 0 | Isobutyl alcohol | <10,000 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 1 | Manganese | 37 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <5,000 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <100 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <100 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,410 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 58D collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <20,000 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,670 | | µg/L | GE |
| 0 | Styrene | <100 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <100 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <100 | | µg/L | GE |
| 2 | Tetrachloroethylene | 3,820 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Toluene | <100 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 1,600 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <100 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <100 | | µg/L | GE |
| 2 | Trichloroethylene | 2,360 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <100 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <100 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <100 | | µg/L | GE |
| 0 | Xylenes | <200 | | µg/L | GE |
| 0 | Zinc | 31 | | µg/L | GE |
| 0 | Gross alpha | 7.2E-08 ± 2.2E-08 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.6E-09 ± 1.7E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.4E-09 ± 9.0E-10 | | µCi/mL | GE |

## WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 Time: 8:35
Depth to water: 130.11 ft (39.66 m) below TOC pH: 5.1
Water elevation: 229.19 ft (69.86 m) msl Alkalinity: 4 mg/L
Sp. conductance: 85 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 85 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <500,000 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <5,000 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <100,000 | | µg/L | GE |
| 0 | Acrylonitrile | <100,000 | | µg/L | GE |
| 0 | Aldrin | <0.050 | JQ6 | µg/L | GE |
| 0 | Allyl chloride | <250,000 | | µg/L | GE |
| 2 | Aluminum | 77 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 27 | | µg/L | GE |
| 0 | Benzene | <5,000 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | JQ6 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <50,000 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <5,000 | | µg/L | GE |
| 0 | Bromoform | <5,000 | | µg/L | GE |
| 0 | Bromomethane | <5,000 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5,000 | | µg/L | GE |
| 0 | Chlordane | <0.50 | JQ6 | µg/L | GE |
| 0 | Chloride | 3,280 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <5,000 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <5,000 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5,000 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <5,000 | | µg/L | GE |
| 0 | Chloromethane | <5,000 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <1.0E+06 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 18 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | JQ6 | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | JQ6 | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | JQ6 | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <5,000 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <5,000 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <100,000 | | µg/L | GE |
| 0 | Dibromomethane | <5,000 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <150,000 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <5,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5,000 | | µg/L | GE |

WELL MSB 59D collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,2-Dichloroethylene | <5,000 | | µg/L | GE |
| 0 | Dichloromethane | 10,000 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5,000 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5,000 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5,000 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | JQ6 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | JQ6 | µg/L | GE |
| 0 | Endosulfan II | <0.10 | JQ6 | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | JQ6 | µg/L | GE |
| 0 | Endrin | <0.0080 | JQ6 | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | JQ6 | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <5,000 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | JQ6 | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | JQ6 | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <5,000 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl Iodide) | <75,000 | | µg/L | GE |
| 0 | Isobutyl alcohol | <500,000 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | 4.5 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ6 | µg/L | GE |
| 2 | Manganese | 112 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <250,000 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ6 | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <5,000 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <5,000 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | 6.9 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,600 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |

WELL MSB 59D collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Parathion | <0.050 | JQ6 | µg/L | GE |
| 0 | Parathion methyl | <0.050 | JQ6 | µg/L | GE |
| 0 | PCB 1016 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1221 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1232 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1242 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1248 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1254 | <0.50 | JQ6 | µg/L | GE |
| 0 | PCB 1260 | <0.50 | JQ6 | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | JQ6 | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <1.0E+06 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,370 | | µg/L | GE |
| 0 | Styrene | <5,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 101,000 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <5,000 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 40,200 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ6 | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5,000 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5,000 | | µg/L | GE |
| 2 | Trichloroethylene | 24,500 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5,000 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <5,000 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <5,000 | | µg/L | GE |
| 0 | Xylenes | <10,000 | | µg/L | GE |
| 0 | Zinc | 55 | | µg/L | GE |
| 0 | Gross alpha | 2.4E-09 ± 7.3E-10 | | µCi/mL | GE |
| 0 | Gross alpha | 2.3E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.7E-09 ± 8.1E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.1E-09 ± 8.5E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 1.0E-09 | | µCi/mL | GE |

## WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92
Depth to water: 124.79 ft (38.04 m) below TOC
Water elevation: 229.71 ft (70.02 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.

Time: 7:30
pH: 5.5
Alkalinity: 6 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 60D collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,390 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.7 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | 1.9 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 1 | 1,1-Dichloroethylene | 4.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |

WELL MSB 60D collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyriiene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,680 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |

WELL MSB 60D collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,260 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 86 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 93 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 4.5 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 70 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Gross alpha | 5.0E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 7.0E-10 | | µCi/mL | GE |

## WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 94.55 ft (28.82 m) below TOC
Water elevation: 223.05 ft (67.99 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 127 gal
Time: 8:15
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 720 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 2.5E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.8E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: 92.74 ft (28.27 m) below TOC
Water elevation: 225.38 ft (68.69 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 9:50
pH: 5.3
Alkalinity: 2 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 36 | | µg/L | GE |
| 0 | Lead | 5.6 | | µg/L | GE |
| 0 | Manganese | 2.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 460 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 2.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.2E-07 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: 141.67 ft (43.18 m) below TOC
Water elevation: 207.43 ft (63.23 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 187 gal
Time: 11:45
pH: 5.1
Alkalinity: 4 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Specific conductance | 21 | JQ | µS/cm | WA |
| 0 | Specific conductance | 21 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <10 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <10 | | µg/L | WA |
| C | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.056 | | µg/L | WA |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | 18 | J3 | µg/L | WA |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Aramite | <22 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.7 | | µg/L | GE |
| 0 | Barium | 8.1 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.056 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.056 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.056 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 9.8 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 11 | V | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.56 | | µg/L | WA |
| 0 | Chloride | 1,880 | | µg/L | GE |
| 0 | Chloride | 37,300 | | µg/L | WA |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 3.5 | J3 | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.11 | | µg/L | WA |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.11 | | µg/L | WA |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.11 | | µg/L | WA |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Diallate | <11 | | µg/L | WA |
| 0 | Diallate | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | 2.3 | JV | µg/L | WA |
| 0 | Di-n-butyl phthalate | 2.4 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.11 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.056 | | µg/L | WA |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.11 | | µg/L | WA |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.11 | | µg/L | WA |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.056 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.056 | | µg/L | WA |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00080 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.0011 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <10 | | µg/L | WA |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isodrin | <0.11 | | µg/L | WA |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Kepone | <0.11 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Manganese | 8.7 | | µg/L | GE |
| 0 | Manganese | 8.9 | | µg/L | GE |
| 0 | Manganese | 8.9 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <20 | | µg/L | WA |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methapyrilene | <11 | | µg/L | WA |
| 0 | Methapyrilene | <11 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 4.3 | J3 | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 528 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.56 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.56 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.56 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.56 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.56 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.0033 | | µg/L | WA |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.0025 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,090 | | µg/L | GE |
| 0 | Sodium | 2,370 | | µg/L | WA |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Sulfate | 1,090 | | µg/L | GE |
| 0 | Sulfate | 1,100 | | µg/L | WA |

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.0023 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.0026 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.0018 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 18 | | µg/L | GE |
| 2 | Tetrachloroethylene | 14 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.8 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | Total organic carbon | 2,060 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 16 | | µg/L | GE |
| 1 | Total organic halogens | 31 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 52 | | µg/L | WA |
| 0 | Total phosphates (as P) | 64 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 23 | | µg/L | GE |
| 2 | Trichloroethylene | 19 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 10 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | V | µCi/mL | GE |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 7.4E-10 ± 4.3E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <1.2E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium | <3.0E-11 | | µCi/mL | TM |
| 0 | Uranium | <3.0E-11 | | µCi/mL | TM |

## WELL MSB 62B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: 141.67 ft (43.18 m) below TOC
Water elevation: 207.43 ft (63.23 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 187 gal
Time: 11:45
pH: 5.1
Alkalinity: 4 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Specific conductance | 20 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | | µg/L | WA |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetone | <10 | | µg/L | WA |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <20 | | µg/L | WA |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | Acetophenone | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | 2-Acetylaminofluorene | <11 | | µg/L | WA |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrolein | <10 | | µg/L | WA |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <10 | | µg/L | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.056 | | µg/L | WA |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 1 | Aluminum | 25 | J3 | µg/L | WA |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | 4-Aminobiphenyl | <11 | | µg/L | WA |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Aniline | <11 | | µg/L | WA |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Anthracene | <11 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 1 | Antimony | 2.9 | J3 | µg/L | WA |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Aramite | <22 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.7 | | µg/L | GE |
| 0 | Barium | 8.5 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.056 | | µg/L | WA |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.056 | | µg/L | WA |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.056 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Benzyl alcohol | <11 | | µg/L | WA |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 8.9 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 11 | V | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <11 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <55 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.56 | | µg/L | WA |
| 0 | Chloride | 1,840 | | µg/L | GE |
| 0 | Chloride | 2,020 | | µg/L | WA |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | 4-Chloroaniline | <11 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | Chlorobenzilate | <11 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <11 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 2-Chlorophenol | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | | µg/L | WA |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chloroprene | <20 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.1 | J3 | µg/L | WA |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Chrysene | <11 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | o-Cresol (2-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <11 | | µg/L | WA |
| 0 | m-Cresol (3-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | p-Cresol (4-Methylphenol) | <11 | | µg/L | WA |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.11 | | µg/L | WA |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.11 | | µg/L | WA |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.11 | | µg/L | WA |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Diallate | <11 | | µg/L | WA |
| 0 | Diallate | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <20 | | µg/L | WA |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | WA |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Dibromomethane | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | 2.4 | JV | µg/L | WA |
| 0 | Di-n-butyl phthalate | 3.2 | JV | µg/L | WA |

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <11 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | | µg/L | WA |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <100 | | µg/L | WA |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <10 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 11 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,6-Dichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.11 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <11 | | µg/L | WA |
| 0 | Diethyl phthalate | 1.3 | JV | µg/L | WA |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | | µg/L | WA |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | 4-Dimethylaminoazobenzene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | Dimethylbenz[a]anthracene | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | 3,3'-Dimethylbenzidine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | a,a-Dimethylphenethylamine | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3-Dinitrobenzene | <11 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | 1,4-Dioxane | <11 | | µg/L | WA |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Diphenylamine | <11 | | µg/L | WA |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.056 | | µg/L | WA |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.11 | | µg/L | WA |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.11 | | µg/L | WA |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethyl methacrylate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluoranthene | <11 | | µg/L | WA |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Fluorene | <11 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.056 | | µg/L | WA |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.056 | | µg/L | WA |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.0018 | | µg/L | WA |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00090 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachloroethane | <11 | | µg/L | WA |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachlorophene | <99 | | µg/L | WA |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | Hexachloropropene | <11 | | µg/L | WA |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | 2-Hexanone | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | | µg/L | WA |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <10 | | µg/L | WA |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isobutyl alcohol | <20 | | µg/L | WA |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isodrin | <0.11 | | µg/L | WA |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isophorone | <11 | | µg/L | WA |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Isosafrole | <11 | | µg/L | WA |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Kepone | <0.11 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Manganese | 8.8 | | µg/L | GE |
| 0 | Manganese | 9.0 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methacrylonitrile | <20 | | µg/L | WA |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methapyrilene | <11 | | µg/L | WA |
| 0 | Methapyrilene | <11 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl ethyl ketone | <10 | | µg/L | WA |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methacrylate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | Methyl methanesulfonate | <11 | | µg/L | WA |
| 0 | 4-Methyl-2-pentanone | <10 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 3-Methylcholanthrene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | 2-Methylnaphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <11 | | µg/L | WA |
| 0 | Naphthalene | <11 | | µg/L | WA |

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1,4-Naphthoquinone | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 1-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | 2-Naphthylamine | <11 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 540 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 470 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 470 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 2-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 3-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | 4-Nitroaniline | <55 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | 4-Nitrophenol | <55 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | 4-Nitroquinoline-1-oxide | <22 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodi-n-butylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomethylethylamine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosomorpholine | <11 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopiperidine | <55 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | N-Nitrosopyrrolidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | 5-Nitro-o-toluidine | <11 | | µg/L | WA |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.56 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.56 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.56 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.56 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.56 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | Pentachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.0024 | | µg/L | WA |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.0024 | | µg/L | WA |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloroethane | <11 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachloronitrobenzene | <55 | | µg/L | WA |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Pentachlorophenol | <55 | | µg/L | WA |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenacetin | <11 | | µg/L | WA |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenanthrene | <11 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Phenol | <11 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | p-Phenylenediamine | <11 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | 2-Picoline | <11 | | µg/L | WA |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Pronamid | <11 | | µg/L | WA |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Propionitrile | <50 | | µg/L | WA |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Pyrene | <11 | | µg/L | WA |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Pyridine | <11 | | µg/L | WA |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Safrole | <11 | | µg/L | WA |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,090 | | µg/L | GE |
| 0 | Sodium | 2,270 | | µg/L | WA |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | WA |
| 0 | Sulfate | 1,060 | | µg/L | GE |
| 0 | Sulfate | 1,060 | | µg/L | WA |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,4,5-Tetrachlorobenzene | <11 | | µg/L | WA |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.0021 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.0025 | | µg/L | WA |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.0023 | | µg/L | WA |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <10 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 19 | | µg/L | GE |
| 2 | Tetrachloroethylene | 15 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | 2,3,4,6-Tetrachlorophenol | <11 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 2.4 | J3 | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | o-Toluidine | <11 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 19 | | µg/L | GE |
| 1 | Total organic halogens | 31 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 25 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <11 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 24 | | µg/L | GE |
| 2 | Trichloroethylene | 19 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |
| 0 | 2,4,5-Trichlorophenol | <55 | | µg/L | WA |

WELL MSB 62B collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | | µg/L | WA |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <10 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | 1,3,5-Trinitrobenzene | <11 | | µg/L | WA |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Vinyl acetate | <10 | | µg/L | WA |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Xylenes | <5.0 | | µg/L | WA |
| 0 | Zinc | 10 | | µg/L | GE |
| 0 | Zinc | 31 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | V | µCi/mL | GE |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 5.9E-10 ± 4.2E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 7.9E-10 ± 5.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.1E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 2.1E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium | <3.0E-11 | | µCi/mL | TM |

## WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92 Time: 12:10
Depth to water: 126.58 ft (38.58 m) below TOC pH: 5.0
Water elevation: 222.52 ft (67.82 m) msl Alkalinity: 1 mg/L
Sp. conductance: 246 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 240 | | µS/cm | GE |
| 0 | Specific conductance | 240 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 39 | | µg/L | GE |
| 0 | Barium | 39 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 4,150 | | µg/L | GE |

WELL MSB 62C collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | 1.8 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethylene | 28 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |

WELL MSB 62C collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 1 | Manganese | 39 | | µg/L | GE |
| 1 | Manganese | 39 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 29,500 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 33,300 | | µg/L | GE |
| 0 | Sodium | 33,300 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 142 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | 2.3 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 62C collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 97 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 12 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 47 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 14 | | µg/L | GE |
| 0 | Zinc | 14 | | µg/L | GE |
| 0 | Gross alpha | 2.2E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.7E-08 ± 2.5E-09 | V | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.9E-09 ± 1.0E-09 | | µCi/mL | GE |

## WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 120.79 ft (36.82 m) below TOC
Water elevation: 228.71 ft (69.71 m) msl
Sp. conductance: 1180 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 7:45
pH: 11.9
Alkalinity: 253 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 1,250 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 2,600 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 91 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,900 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |

WELL MSB 62D collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | 2.5 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethylene | 14 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |

WELL MSB 62D collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | 1.8 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,900 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 44,000 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 13,400 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 199 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | 2.9 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | 1,240 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 176 | | µg/L | GE |
| 0 | Total phosphates (as P) | 60 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 17 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 74 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |

WELL MSB 62D collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | 11 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 3.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.1E-08 ± 2.0E-09 | V | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 7.0E-10 | | µCi/mL | GE |

## WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92 Time: 11:40
Depth to water: 139.20 ft (42.43 m) below TOC pH: 5.1
Water elevation: 207.80 ft (63.34 m) msl Alkalinity: 0 mg/L
Sp. conductance: 33 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 188 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 1,800 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chlorodethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 63B collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 4.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,110 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |

WELL MSB 63B collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,940 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 9.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 128 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 218 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 9.4 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: 127.51 ft (38.87 m) below TOC
Water elevation: 219.59 ft (66.93 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 78 gal

Time: 11:50
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,200 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | JQ | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |

WELL MSB 63C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | o-Cresol (2-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | JQ | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | JQ | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | JQ | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 63C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | JQ | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno(1,2,3-c,d)pyrene | <10 | | µg/L | GE |
| 0 | Indeno(1,2,3-c,d)pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 6.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | JQ | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,080 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | JQ | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |

WELL MSB 63C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | JQ | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,150 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 12 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | JQ | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 4.6 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | JQ | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 7.6 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92
Depth to water: 117.84 ft (35.92 m) below TOC
Water elevation: 228.96 ft (69.79 m) msl
Sp. conductance: 81 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 8:55
pH: 10.1
Alkalinity: 38 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 98 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |

WELL MSB 63D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 890 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,100 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | 1.2 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |

WELL MSB 63D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,440 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 63D collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,590 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 313 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 205 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 52 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92
Depth to water: 140.82 ft (42.95 m) below TOC
Water elevation: 207.78 ft (63.33 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 231 gal

Time: 10:55
pH: 5.4
Alkalinity: 5 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |

WELL MSB 64B collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 2 | Aluminum | 51 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 2,100 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |

WELL MSB 64B collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 7.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,200 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |

WELL MSB 64B collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,040 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 81 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 976 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | 1.1 | | µg/L | GE |
| 2 | Trichloroethylene | 2,440 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92 Time: 10:15
Depth to water: 126.10 ft (38.44 m) below TOC pH: 4.5
Water elevation: 222.60 ft (67.85 m) msl Alkalinity: 0 mg/L
Sp. conductance: 149 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.6 | JQ | pH | GE |
| 0 | Specific conductance | 130 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <500 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <5.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <100 | | µg/L | GE |
| 0 | Acrylonitrile | <100 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <250 | | µg/L | GE |
| 2 | Aluminum | 128 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 23 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 64C collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <50 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <3.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <5.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 4,140 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <1,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 5.2 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dialate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <100 | | µg/L | GE |
| 0 | Dibromomethane | <5.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <150 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 14 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |

WELL MSB 64C collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <5.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <75 | | µg/L | GE |
| 0 | Isobutyl alcohol | <500 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 9.0 | | µg/L | GE |
| 0 | Mercury | 0.24 | | µg/L | GE |
| 0 | Methacrylonitrile | <250 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <5.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <5.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 15,700 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |

WELL MSB 64C collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <1,000 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11,800 | | µg/L | GE |
| 0 | Styrene | <5.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 476 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 151 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 150 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <5.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <5.0 | | µg/L | GE |
| 0 | Xylenes | <10 | | µg/L | GE |
| 0 | Zinc | 5.4 | | µg/L | GE |
| 0 | Gross alpha | 6.2E-09 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.4E-09 ± 1.7E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.6E-09 ± 8.0E-10 | | µCi/mL | GE |

## WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: 121.87 ft (37.15 m) below TOC
Water elevation: 227.13 ft (69.23 m) msl
Sp. conductance: 206 µS/cm
Water evacuated before sampling: 44 gal

Time: 10:05
pH: 6.0
Alkalinity: 23 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 175 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |

WELL MSB 64D collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | 3,390 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 64D collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 2 | 1,1-Dichloroethylene | 21 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |

WELL MSB 64D collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 18 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 17,300 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |

WELL MSB 64D collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 33,500 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | 2,080 | | µg/L | GE |
| 0 | Sulfate | 2,900 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 54 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 44 | | µg/L | GE |
| 1 | Total organic halogens | 43 | | µg/L | GE |
| 0 | Total phosphates (as P) | 60 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 15 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 17 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 18 | | µg/L | GE |
| 0 | Gross alpha | 3.1E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.5E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 116.38 ft (35.47 m) below TOC
Water elevation: 233.12 ft (71.06 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 22 gal

Time: 10:55
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | 1.2 | | µg/L | GE |
| 0 | Iron | 5.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |

WELL MSB 65D collected on 08/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 1,960 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 1 | Gross alpha | 7.6E-09 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.8E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.4E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92
Depth to water: 163.20 ft (49.74 m) below TOC
Water elevation: 220.30 ft (67.15 m) msl
Sp. conductance: 128 µS/cm
Water evacuated before sampling: 263 gal

Time: 14:00
pH: 10.4
Alkalinity: 61 mg/L
Water temperature: 23.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 6.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,190 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 6.8 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 18 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92
Depth to water: 154.12 ft (46.98 m) below TOC
Water elevation: 229.38 ft (69.92 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 166 gal

Time: 14:30
pH: 5.5
Alkalinity: 2 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | JQ | µg/L | GE |
| 0 | Chloroform | <5.0 | JQ | µg/L | GE |
| 0 | Iron | 5.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Manganese | 39 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,630 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 5.3 | JQ | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 44 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | JQ | µg/L | GE |
| 2 | Trichloroethylene | 81 | JQ | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92
Depth to water: 152.39 ft (46.45 m) below TOC
Water elevation: 230.91 ft (70.38 m) msl
Inaccessibility or mechanical problem prevented sample collection.

Time: 13:25

# ANALYTICAL RESULTS

## WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 — Time: 14:50
Depth to water: 174.99 ft (53.34 m) below TOC — pH: 5.5
Water elevation: 207.81 ft (63.34 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 464 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 4.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 9.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 740 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 3.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.6 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 — Time: 11:55
Depth to water: 145.76 ft (44.43 m) below TOC — pH: 7.3
Water elevation: 219.34 ft (66.86 m) msl — Alkalinity: 43 mg/L
Sp. conductance: 65 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 234 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,110 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,140 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 21 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 32 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 — Time: 11:40
Depth to water: 138.00 ft (42.06 m) below TOC — pH: 5.9
Water elevation: 226.80 ft (69.13 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 46 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 149 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | JQ | µg/L | GE |
| 0 | Chloroform | <5.0 | JQ | µg/L | GE |
| 0 | Iron | 8.7 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,810 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | JQ | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 13 | | µg/L | GE |

WELL MSB 67C collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,1-Trichloroethane | <5.0 | JQ | µg/L | GE |
| 2 | Trichloroethylene | 44 | JQ | µg/L | GE |
| 0 | Gross alpha | 5.5E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.9E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 — Time: 8:25
Depth to water: 132.45 ft (40.37 m) below TOC — pH: 5.7
Water elevation: 232.55 ft (70.88 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 71 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 29 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <200 | JQ | µg/L | GE |
| 0 | Chloroform | <200 | JQ | µg/L | GE |
| 0 | Iron | 4.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 6.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,220 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 300 | JQ | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 3,170 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | JQ | µg/L | GE |
| 2 | Trichloroethylene | 7,520 | JQ | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.4E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92 — Time: 10:55
Depth to water: 137.19 ft (41.82 m) below TOC — pH: 4.9
Water elevation: 219.71 ft (66.97 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 240 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,350 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 19 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 41 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 109 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92 — Time: 7:40
Depth to water: 131.75 ft (40.16 m) below TOC — pH: 4.7
Water elevation: 224.95 ft (68.57 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 152 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | JQ8 | µg/L | GE |
| 0 | Chloroform | <25 | JQ8 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |

WELL MSB 68C collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | 4.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,740 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <25 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 395 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 740 | JQ6 | µg/L | GE |
| 0 | Gross alpha | 2.9E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.7E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 3.5E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92
Depth to water: 123.08 ft (37.52 m) below TOC
Water elevation: 233.92 ft (71.30 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 35 gal
Time: 7:25
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <25 | JQ | µg/L | GE |
| 0 | Chloroform | <25 | JQ | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,580 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <25 | JQ | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 712 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | JQ | µg/L | GE |
| 2 | Trichloroethylene | 1,020 | JQ | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.2E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92
Depth to water: 160.27 ft (48.85 m) below TOC
Water elevation: 221.43 ft (67.49 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 214 gal
Time: 14:25
pH: 6.1
Alkalinity: 12 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 520 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92
Depth to water: 154.12 ft (46.98 m) below TOC
Water elevation: 227.68 ft (69.40 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 33 gal
The well went dry during purging.
Time: 15:55
pH: 5.9
Alkalinity: 11 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Iron | 24 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,700 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 82 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 148 | | µg/L | GE |
| 0 | Gross alpha | 3.3E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92
Depth to water: 148.33 ft (45.21 m) below TOC
Water elevation: 233.87 ft (71.28 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 35 gal
Time: 14:10
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 8.8 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 6.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,850 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 1 | Gross alpha | 1.4E-08 ± 3.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.5E-09 ± 2.0E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.0E-08 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.3E-07 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92
Depth to water: 165.72 ft (50.51 m) below TOC
Water elevation: 215.78 ft (65.77 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 370 gal
Time: 15:05
pH: 6.0
Alkalinity: 10 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 9.3 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 910 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |

WELL MSB 69TA collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92
Depth to water: 144.04 ft (43.90 m) below TOC
Water elevation: 218.16 ft (66.50 m) msl
Sp. conductance: 175 µS/cm
Water evacuated before sampling: 115 gal
Time: 16:40
pH: 5.5
Alkalinity: 7 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Chloroform | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 23 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 2.0 | J3 | µg/L | WA |
| 0 | Manganese | 23 | | µg/L | GE |
| 0 | Manganese | 23 | | µg/L | GE |
| 0 | Manganese | 20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 2 | Nitrate as nitrogen | 13,300 | | µg/L | WA |
| 2 | Nitrate-nitrite as nitrogen | 17,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 265 | | µg/L | GE |
| 2 | Tetrachloroethylene | 344 | JQ | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 768 | | µg/L | WA |
| 2 | Total organic halogens | 199 | | µg/L | GE |
| 2 | Total organic halogens | 251 | | µg/L | WA |
| 2 | Total organic halogens | 270 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 32 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 27 | | µg/L | WA |
| 2 | Trichloroethylene | 52 | | µg/L | GE |
| 2 | Trichloroethylene | 56 | | µg/L | WA |
| 2 | Trichloroethylene | 57 | | µg/L | WA |
| 2 | Trichloroethylene | 58 | | µg/L | WA |
| 0 | Gross alpha | 5.8E-09 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 3.3E-09 ± 1.8E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 6.5E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.7E-09 ± 1.8E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 2.8E-09 ± 6.8E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.1E-09 ± 1.2E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.3E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <4.7E-07 | | µCi/mL | TM |

## WELL MSB 70C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92
Depth to water: 144.04 ft (43.90 m) below TOC
Water elevation: 218.16 ft (66.50 m) msl
Sp. conductance: 175 µS/cm
Water evacuated before sampling: 115 gal
Time: 16:40
pH: 5.5
Alkalinity: 7 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | JQ | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | JQ | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | WA |
| 0 | Iron | 5.0 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 2.0 | J3 | µg/L | WA |
| 0 | Manganese | 22 | | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | WA |

WELL MSB 70C collected on 08/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | 0.29 | | µg/L | WA |
| 2 | Nitrate as nitrogen | 13,800 | | µg/L | WA |
| 2 | Nitrate-nitrite as nitrogen | 17,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 2 | Tetrachloroethylene | 178 | JQ | µg/L | GE |
| 2 | Tetrachloroethylene | 346 | JQ | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 670 | | µg/L | WA |
| 2 | Total organic halogens | 127 | | µg/L | GE |
| 2 | Total organic halogens | 264 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | 27 | JQ | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 28 | | µg/L | WA |
| 2 | Trichloroethylene | 50 | JQ | µg/L | GE |
| 2 | Trichloroethylene | 56 | | µg/L | WA |
| 0 | Gross alpha | 4.2E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 5.3E-09 ± 2.3E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 6.5E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.9E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 2.3E-09 ± 6.3E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 9.0E-10 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.2E-07 | | µCi/mL | TM |

## WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92
Depth to water: 140.92 ft (42.95 m) below TOC
Water elevation: 221.58 ft (67.54 m) msl
Sp. conductance: 86 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.
Time: 7:30
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,140 | | µg/L | GE |
| 0 | Calcium | 3,100 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,550 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 7.3 | | µg/L | GE |
| 0 | Copper | 7.4 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 125 | | µg/L | GE |
| 0 | Iron | 124 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 848 | | µg/L | GE |
| 0 | Magnesium | 839 | | µg/L | GE |
| 0 | Manganese | 9.2 | | µg/L | GE |
| 0 | Manganese | 8.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 553 | | µg/L | GE |
| 0 | Potassium | 599 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,030 | | µg/L | GE |
| 0 | Silica | 7,940 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |

WELL MSB 70D collected on 08/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,040 | J2 | µg/L | GE |
| 0 | Sodium | 5,990 | J2 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 36,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 31 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 43 | | µg/L | GE |
| 0 | Zinc | 43 | | µg/L | GE |
| 1 | Gross alpha | 1.0E-08 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.1E-09 ± 2.0E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 3.6E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92
Depth to water: 127.41 ft (38.84 m) below TOC
Water elevation: 217.69 ft (66.35 m) msl
Sp. conductance: 1529 µS/cm
Water evacuated before sampling: 46 gal
The well went dry during purging.

Time: 7:50
pH: 11.5
Alkalinity: 390 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 100 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | 1,370 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-08 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92
Depth to water: 128.52 ft (39.17 m) below TOC
Water elevation: 199.88 ft (60.86 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 125 gal

Time: 18:00
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 9.5 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 1 | Manganese | 27 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 340 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92
Depth to water: 138.20 ft (42.12 m) below TOC
Water elevation: 202.20 ft (61.63 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 186 gal

Time: 8:50
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 8.4 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 10 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,090 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,110 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.1 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 12 | | µg/L | GE |
| 0 | Total organic halogens | 12 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 27 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92
Depth to water: 104.53 ft (31.86 m) below TOC
Water elevation: 209.97 ft (64.00 m) msl
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 178 gal

Time: 14:05
pH: 8.6
Alkalinity: 10 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 2 | Aluminum | 64 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 35 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,710 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,560 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 32 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 172 | | µg/L | GE |
| 0 | Manganese | 6.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 899 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,000 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,220 | | µg/L | GE |
| 0 | Sulfate | 1,880 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 5.3 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |

WELL MSB 74B collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 49,000 | | µg/L | GE |
| 0 | Total dissolved solids | 43,000 | | µg/L | GE |
| 0 | Total organic carbon | < 1,000 | | µg/L | GE |
| 2 | Total organic halogens | 524 | | µg/L | GE |
| 0 | Total phosphates (as P) | 117 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | < 1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 851 | | µg/L | GE |
| 0 | Trichlorofluoromethane | < 1.0 | | µg/L | GE |
| 0 | Uranium | < 20 | | µg/L | GE |
| 0 | Zinc | < 2.0 | | µg/L | GE |
| 0 | Gross alpha | 3.5E-09 ± 6.7E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 5.6E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | < 7.0E-07 | | µCi/mL | GE |

## WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 — Time: 8:35
Depth to water: 104.83 ft (31.95 m) below TOC — pH: 11.2
Water elevation: 210.17 ft (64.06 m) msl — Alkalinity: 220 mg/L
Sp. conductance: 705 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 19 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.7 | JQ | pH | GE |
| 0 | Specific conductance | 85 | | µS/cm | GE |
| 2 | Aluminum | 129 | | µg/L | GE |
| 0 | Arsenic | < 2.0 | | µg/L | GE |
| 0 | Barium | 162 | | µg/L | GE |
| 0 | Benzene | < 1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | < 1.0 | | µg/L | GE |
| 0 | Bromoform | < 1.0 | | µg/L | GE |
| 0 | Bromomethane | < 1.0 | | µg/L | GE |
| 0 | Cadmium | < 2.0 | | µg/L | GE |
| 0 | Calcium | 76,300 | | µg/L | GE |
| 0 | Carbon tetrachloride | < 1.0 | | µg/L | GE |
| 0 | Chloride | 1,020 | | µg/L | GE |
| 0 | Chlorobenzene | < 1.0 | | µg/L | GE |
| 0 | Chloroethane | < 1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | < 1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | < 1.0 | | µg/L | GE |
| 0 | Chloroform | < 1.0 | | µg/L | GE |
| 0 | Chloromethane | < 1.0 | | µg/L | GE |
| 0 | Chromium | < 4.0 | | µg/L | GE |
| 0 | Copper | < 4.0 | | µg/L | GE |
| 0 | Cyanide | < 5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | < 1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | < 1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | < 1.0 | | µg/L | GE |
| 0 | Ethylbenzene | < 1.0 | | µg/L | GE |
| 0 | Fluoride | < 100 | | µg/L | GE |
| 0 | Iron | < 4.0 | | µg/L | GE |
| 0 | Lead | < 3.0 | | µg/L | GE |
| 0 | Magnesium | 23 | | µg/L | GE |
| 0 | Manganese | < 2.0 | | µg/L | GE |
| 0 | Mercury | < 0.20 | | µg/L | GE |
| 0 | Nickel | < 4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | < 50 | | µg/L | GE |
| 0 | Phenols | < 5.0 | | µg/L | GE |
| 0 | Potassium | 9,600 | | µg/L | GE |
| 0 | Selenium | < 2.0 | | µg/L | GE |
| 0 | Silica | 34,700 | | µg/L | GE |
| 0 | Silver | < 2.0 | | µg/L | GE |
| 0 | Sodium | 15,000 | J2 | µg/L | GE |
| 0 | Sulfate | 14,400 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | < 1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 5.3 | | µg/L | GE |
| 0 | Toluene | < 1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 248,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,330 | | µg/L | GE |
| 0 | Total organic halogens | 15 | | µg/L | GE |
| 0 | Total phosphates (as P) | < 50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | < 1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 2.8 | | µg/L | GE |
| 0 | Trichlorofluoromethane | < 1.0 | | µg/L | GE |
| 0 | Uranium | < 20 | | µg/L | GE |
| 0 | Zinc | 2.3 | | µg/L | GE |
| 0 | Gross alpha | 3.3E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.7E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.5E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.1E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | < 7.0E-07 | | µCi/mL | GE |

## WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 — Time: 8:50
Depth to water: 82.56 ft (25.16 m) below TOC — pH: 5.8
Water elevation: 232.54 ft (70.88 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 77 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Aluminum | < 20 | | µg/L | GE |
| 0 | Arsenic | < 2.0 | | µg/L | GE |
| 0 | Barium | 7.8 | | µg/L | GE |
| 0 | Benzene | < 1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | < 1.0 | | µg/L | GE |
| 0 | Bromoform | < 1.0 | | µg/L | GE |
| 0 | Bromomethane | < 1.0 | | µg/L | GE |
| 0 | Cadmium | < 2.0 | | µg/L | GE |
| 0 | Calcium | 1,280 | | µg/L | GE |
| 0 | Carbon tetrachloride | < 1.0 | | µg/L | GE |
| 0 | Chloride | 1,520 | | µg/L | GE |
| 0 | Chlorobenzene | < 1.0 | | µg/L | GE |
| 0 | Chloroethane | < 1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | < 1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | < 1.0 | | µg/L | GE |
| 0 | Chloroform | < 1.0 | | µg/L | GE |
| 0 | Chloromethane | < 1.0 | | µg/L | GE |
| 0 | Chromium | < 4.0 | | µg/L | GE |
| 0 | Copper | 22 | | µg/L | GE |
| 0 | Cyanide | < 5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | < 1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | < 1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | < 1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | < 1.0 | | µg/L | GE |
| 0 | Ethylbenzene | < 1.0 | | µg/L | GE |
| 0 | Fluoride | < 100 | | µg/L | GE |
| 0 | Iron | 4.6 | | µg/L | GE |
| 0 | Lead | < 3.0 | | µg/L | GE |
| 0 | Magnesium | 225 | | µg/L | GE |
| 0 | Manganese | 21 | | µg/L | GE |
| 0 | Mercury | < 0.20 | | µg/L | GE |
| 0 | Nickel | < 4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,070 | | µg/L | GE |
| 0 | Phenols | < 5.0 | | µg/L | GE |
| 0 | Potassium | < 500 | | µg/L | GE |
| 0 | Selenium | < 2.0 | | µg/L | GE |
| 0 | Silica | 7,860 | | µg/L | GE |
| 0 | Silver | < 2.0 | | µg/L | GE |
| 0 | Sodium | 5,190 | J2 | µg/L | GE |
| 0 | Sulfate | 1,410 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | < 1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | < 1.0 | | µg/L | GE |
| 0 | Toluene | < 1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 24,000 | | µg/L | GE |
| 0 | Total organic carbon | < 1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | < 50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | < 1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | < 1.0 | | µg/L | GE |
| 0 | Trichloroethylene | < 1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | < 1.0 | | µg/L | GE |
| 0 | Uranium | < 20 | | µg/L | GE |
| 0 | Zinc | 20 | | µg/L | GE |
| 0 | Gross alpha | 2.3E-09 ± 6.1E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.8E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | < 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 — Time: 13:30
Depth to water: 117.94 ft (35.95 m) below TOC — pH: 5.7
Water elevation: 208.76 ft (63.63 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 1 | Aluminum | 29 | | µg/L | GE |
| 0 | Arsenic | < 2.0 | | µg/L | GE |
| 0 | Barium | 27 | | µg/L | GE |
| 0 | Benzene | < 5.0 | | µg/L | GE |
| 0 | Benzene | < 5.0 | | µg/L | GE |

WELL MSB 75B collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,720 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloride | 1,880 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 7.7 | J2 | µg/L | GE |
| 0 | Dichloromethane | 8.2 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 9.4 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 531 | | µg/L | GE |
| 2 | Manganese | 73 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,660 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 571 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,710 | | µg/L | GE |
| 0 | Sulfate | 3,510 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 268 | | µg/L | GE |
| 0 | Total phosphates (as P) | 64 | | µg/L | GE |
| 0 | Total phosphates (as P) | 53 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 477 | | µg/L | GE |
| 2 | Trichloroethylene | 499 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 6.4 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 Time: 8:15
Depth to water: 118.64 ft (36.16 m) below TOC pH: 5.5
Water elevation: 208.86 ft (63.66 m) msl Alkalinity: 9 mg/L
Sp. conductance: 113 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Specific conductance | 72 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,390 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,020 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 740 | | µg/L | GE |
| 1 | Manganese | 34 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 13 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,660 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 43,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 9,500 | J2 | µg/L | GE |
| 0 | Sulfate | 15,900 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 22 | | µg/L | GE |
| 0 | Toluene | 1.3 | | µg/L | GE |
| 0 | Total dissolved solids | 88,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 25 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 97 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.3E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 Time: 9:45
Depth to water: 131.75 ft (40.16 m) below TOC pH: 6.1
Water elevation: 221.05 ft (67.38 m) msl Alkalinity: 15 mg/L
Sp. conductance: 60 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 102 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 60 | | µS/cm | GE |
| 2 | Aluminum | 126 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Benzene | <50 | | µg/L | GE |
| 0 | Bromodichloromethane | <50 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 76C collected on 08/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromoform | <50 | | µg/L | GE |
| 0 | Bromomethane | <50 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,230 | | µg/L | GE |
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chloride | 1,990 | | µg/L | GE |
| 0 | Chlorobenzene | <50 | | µg/L | GE |
| 0 | Chloroethane | <50 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <50 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <50 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 0 | Chloromethane | <50 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <50 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <50 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <50 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <50 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <50 | | µg/L | GE |
| 0 | Dichloromethane | 194 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <50 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <50 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <50 | | µg/L | GE |
| 0 | Ethylbenzene | <50 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 47 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 267 | | µg/L | GE |
| 0 | Manganese | 4.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,920 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,060 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 9,120 | | µg/L | GE |
| 0 | Sulfate | 1,370 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <50 | | µg/L | GE |
| 2 | Tetrachloroethylene | 174 | | µg/L | GE |
| 0 | Toluene | <50 | | µg/L | GE |
| 0 | Total dissolved solids | 39,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 5,680 | | µg/L | GE |
| 0 | Total phosphates (as P) | 83 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 19,700 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 5.6 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92
Depth to water: 135.88 ft (41.42 m) below TOC
Water elevation: 221.82 ft (67.61 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 216 gal
Time: 9:10
pH: 9.1
Alkalinity: 40 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.1 | JQ | pH | GE |
| 0 | Specific conductance | 65 | | µS/cm | GE |
| 2 | Aluminum | 211 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 22 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 8,650 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,940 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |

WELL MSB 77B collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 5.8 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 215 | | µg/L | GE |
| 0 | Manganese | 3.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 380 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 5,650 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,330 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,320 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 47,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.3E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.1E-07 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 7.4E-07 ± 3.0E-07 | | µCi/mL | GE |

## WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92
Depth to water: 133.46 ft (40.68 m) below TOC
Water elevation: 224.24 ft (68.35 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 145 gal
Time: 9:00
pH: 8.0
Alkalinity: 15 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 8.8 | JQ | pH | GE |
| 0 | pH | 8.4 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 1 | Aluminum | 28 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.8 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,350 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloride | 1,760 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | 9.2 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 10 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 402 | | µg/L | GE |
| 0 | Manganese | 9.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,670 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 3,730 | | µg/L | GE |

WELL MSB 77C collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,320 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,310 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Total dissolved solids | 35,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 77 | | µg/L | GE |
| 0 | Total phosphates (as P) | 150 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 228 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 4.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.1E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.2E-07 ± 3.0E-07 | | µCi/mL | GE |

## WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92
Depth to water: 126.51 ft (38.56 m) below TOC
Water elevation: 231.29 ft (70.50 m) msl
Sp. conductance: 556 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 9:25
pH: 11.2
Alkalinity: 272 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 2 | Specific conductance | 520 | | µS/cm | GE |
| 2 | Aluminum | 2,020 | | µg/L | GE |
| 0 | Arsenic | 9.4 | | µg/L | GE |
| 0 | Barium | 21 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,900 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,540 | | µg/L | GE |
| 0 | Chloride | 1,470 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | 5.4 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 293 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 9.7 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 210 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 45,600 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 50,500 | | µg/L | GE |
| 0 | Sulfate | 10,300 | | µg/L | GE |
| 0 | Sulfate | 10,300 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 223,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 150 | | µg/L | GE |
| 0 | Total phosphates (as P) | 150 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |

WELL MSB 77D collected on 07/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 2.7E-08 ± 3.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-08 ± 3.0E-07 | | µCi/mL | GE |

## WELL MSB 77TA

MEASUHEMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92
Depth to water: 139.10 ft (42.40 m) below TOC
Water elevation: 218.30 ft (66.54 m) msl
Sp. conductance: 208 µS/cm
Water evacuated before sampling: 60 gal
The well went dry during purging.

Time: 9:40
pH: 10.6
Alkalinity: 156 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 0 | Specific conductance | 172 | | µS/cm | GE |
| 2 | Aluminum | 51 | | µg/L | GE |
| 0 | Arsenic | 3.3 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 8,020 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,560 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | 7.4 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 22,900 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,300 | | µg/L | GE |
| 0 | Sulfate | 2,650 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | 7.6 | | µg/L | GE |
| 0 | Toluene | 9.8 | | µg/L | GE |
| 0 | Total dissolved solids | 105,000 | V | µg/L | GE |

WELL MSB 77TA collected on 07/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 92,000 | V | µg/L | GE |
| 0 | Total organic carbon | 3,000 | | µg/L | GE |
| 0 | Total organic halogens | 19 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.7E-08 ± 2.8E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 78D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92 Time: 16:00
Depth to water: 139.57 ft (42.54 m) below TOC
Water elevation: 224.03 ft (68.29 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 Time: 7:00
Depth to water: 141.12 ft (43.01 m) below TOC pH: 12.2
Water elevation: 208.88 ft (63.06 m) msl Alkalinity: 1087 mg/L
Sp. conductance: 4040 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 41 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 4,700 | | µS/cm | GE |
| 2 | Aluminum | 2,530 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 979 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <4.0 | | µg/L | GE |
| 0 | Calcium | 414,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 570 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <8.0 | | µg/L | GE |
| 0 | Copper | 10.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 5.6 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 140 | | µg/L | GE |
| 0 | Fluoride | 142 | | µg/L | GE |
| 0 | Iron | <8.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 6.8 | | µg/L | GE |
| 0 | Manganese | <4.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <8.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 870 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 59,300 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 1,480 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 69,600 | J2 | µg/L | GE |
| 0 | Sulfate | 3,180 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |

WELL MSB 79B collected on 08/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 1.1E+06 | | µg/L | GE |
| 0 | Total organic carbon | 1,550 | | µg/L | GE |
| 0 | Total organic halogens | 18 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <40 | | µg/L | GE |
| 0 | Zinc | 8.1 | | µg/L | GE |
| 0 | Gross alpha | 5.1E-09 ± 7.2E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.9E-08 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.3E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/92 Time: 7:15
Depth to water: 138.50 ft (42.22 m) below TOC pH: 11.4
Water elevation: 209.30 ft (63.80 m) msl Alkalinity: 360 mg/L
Sp. conductance: 1507 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 1,580 | | µS/cm | GE |
| 2 | Aluminum | 4,410 | | µg/L | GE |
| 2 | Aluminum | 4,410 | | µg/L | GE |
| 0 | Arsenic | 4.2 | | µg/L | GE |
| 0 | Barium | 88 | | µg/L | GE |
| 0 | Barium | 88 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 97,900 | | µg/L | GE |
| 0 | Calcium | 98,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,820 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | 15 | | µg/L | GE |
| 0 | Chromium | 15 | | µg/L | GE |
| 0 | Copper | 7.8 | | µg/L | GE |
| 0 | Copper | 7.8 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 169 | | µg/L | GE |
| 0 | Iron | 4.9 | | µg/L | GE |
| 0 | Iron | 4.3 | | µg/L | GE |
| 0 | Lead | 4.0 | | µg/L | GE |
| 0 | Magnesium | 4.9 | | µg/L | GE |
| 0 | Magnesium | 4.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,750 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 31,700 | | µg/L | GE |
| 0 | Potassium | 31,900 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,100 | | µg/L | GE |
| 0 | Silica | 12,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 58,100 | J2 | µg/L | GE |
| 0 | Sodium | 57,900 | J2 | µg/L | GE |
| 0 | Sulfate | 20,600 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 4.4 | | µg/L | GE |
| 0 | Toluene | 1.4 | | µg/L | GE |
| 0 | Total dissolved solids | 409,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,600 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |

WELL MSB 79C collected on 08/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 15 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 4.3 | | µg/L | GE |
| 0 | Zinc | 4.4 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.2E-08 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92
Depth to water: 48.38 ft (14.75 m) below TOC
Water elevation: 218.82 ft (66.70 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 203 gal
Time: 10:20
pH: 5.7
Alkalinity: 8 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 24 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,660 | | µg/L | GE |
| 0 | Chloride | 2,820 | | µg/L | GE |
| 0 | Chloride | 2,790 | | µg/L | GE |
| 0 | Chromium | 7.2 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 59 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 277 | | µg/L | GE |
| 0 | Manganese | 21 | | µg/L | GE |
| 2 | Mercury | 2.2 | | µg/L | GE |
| 2 | Mercury | 2.1 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 450 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,330 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,710 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,660 | | µg/L | GE |
| 0 | Sulfate | 1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 28,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.8E-09 ± 5.9E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 145.54 ft (44.36 m) below TOC
Water elevation: 228.96 ft (69.79 m) msl
Sp. conductance: 2070 µS/cm
Water evacuated before sampling: 30 gal
The well went dry during purging.
Time: 15:15
pH: 11.9
Alkalinity: 462 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 2,000 | | µS/cm | GE |
| 2 | Aluminum | 3,680 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 118 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |

WELL MSB 82A collected on 08/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 119,000 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,310 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 298 | | µg/L | GE |
| 0 | Iron | 8.9 | | µg/L | GE |
| 1 | Lead | 12 | | µg/L | GE |
| 0 | Magnesium | 9.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,510 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 71,300 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 5,950 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 69,000 | | µg/L | GE |
| 0 | Sulfate | 20,900 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | 18 | | µg/L | GE |
| 0 | Total dissolved solids | 548,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,960 | | µg/L | GE |
| 2 | Total organic halogens | 248 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 731 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 7.2 | | µg/L | GE |
| 0 | Gross alpha | 6.1E-09 ± 1.7E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 4.7E-08 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.8E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 154.03 ft (46.95 m) below TOC
Water elevation: 220.37 ft (67.17 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 201 gal
Time: 14:15
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 2 | Aluminum | 81 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 776 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,800 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 82B collected on 08/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 8.9 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 9.8 | | µg/L | GE |
| 0 | Lead | 3.6 | | µg/L | GE |
| 0 | Magnesium | 487 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.6 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 80 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 614 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 26,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,740 | | µg/L | GE |
| 0 | Sulfate | 9,380 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 48,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 8.7 | | µg/L | GE |
| 0 | Gross alpha | 2.6E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.9E-08 ± 2.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 145.86 ft (44.40 m) below TOC
Water elevation: 228.34 ft (69.60 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 151 gal

Time: 14:45
pH: 6.0
Alkalinity: 5 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 4.5 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 4.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,660 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

WELL MSB 82C collected on 08/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 140.25 ft (42.75 m) below TOC
Water elevation: 233.45 ft (71.16 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 43 gal

Time: 15:00
pH: 5.8
Alkalinity: 6 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 48 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,110 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,990 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.3 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 523 | | µg/L | GE |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,180 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 507 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,890 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,820 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 34,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.3 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 56 | | µg/L | GE |
| 0 | Gross alpha | 4.1E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.0E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 8.5E-07 | | µCi/mL | GE |

## WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 159.51 ft (48.62 m) below TOC
Water elevation: 214.29 ft (65.32 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 329 gal

Time: 14:35
pH: 5.6
Alkalinity: 5 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.1 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,020 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,960 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.1 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 325 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 215 | | µg/L | GE |
| 1 | Manganese | 28 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 510 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 570 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 13,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,700 | | µg/L | GE |
| 0 | Sulfate | 2,240 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 26 | | µg/L | GE |
| 0 | Total organic halogens | 25 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 46 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 11 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 150.14 ft (45.76 m) below TOC
Water elevation: 221.86 ft (67.62 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 210 gal

Time: 12:15
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

WELL MSB 83B collected on 08/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 705 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,600 | | µg/L | GE |
| 0 | Chloride | 1,600 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 7.5 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 209 | | µg/L | GE |
| 0 | Manganese | 5.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 430 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 840 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 10,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,960 | | µg/L | GE |
| 0 | Sulfate | 1,640 | | µg/L | GE |
| 0 | Sulfate | 1,570 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 24,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 3.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 143.58 ft (43.76 m) below TOC
Water elevation: 228.52 ft (69.65 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 132 gal

Time: 12:40
pH: 9.2
Alkalinity: 26 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,690 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92 — Time: 13:10
Depth to water: 137.79 ft (42.00 m) below TOC — pH: 9.4
Water elevation: 233.91 ft (71.30 m) msl — Alkalinity: 67 mg/L
Sp. conductance: 167 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.6 | JQ | pH | GE |
| 0 | Specific conductance | 160 | | µS/cm | GE |
| 2 | Aluminum | 76 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,420 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,360 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 127 | | µg/L | GE |
| 0 | Iron | 26 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 231 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 970 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 15,000 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 5,840 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 26,200 | | µg/L | GE |
| 0 | Sulfate | 4,480 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 97,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.9E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92 — Time: 13:00
Depth to water: 156.18 ft (47.60 m) below TOC — pH: 5.7
Water elevation: 215.62 ft (65.72 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 381 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

WELL MSB 83TA collected on 08/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | 4.4 | | µg/L | GE |
| 0 | Barium | 4.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,900 | | µg/L | GE |
| 0 | Calcium | 2,940 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 224 | | µg/L | GE |
| 0 | Magnesium | 226 | | µg/L | GE |
| 0 | Manganese | 4.3 | | µg/L | GE |
| 0 | Manganese | 4.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 720 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,930 | | µg/L | GE |
| 0 | Silica | 9,930 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,580 | | µg/L | GE |
| 0 | Sodium | 1,570 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 26,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 10 | | µg/L | GE |
| 0 | Zinc | 10 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 132.15 ft (40.28 m) below TOC
Water elevation: 229.85 ft (70.06 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 104 gal

Time: 13:35
pH: 5.5
Alkalinity: 4 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,810 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 158.86 ft (48.42 m) below TOC
Water elevation: 221.94 ft (67.65 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 233 gal

Time: 9:45
pH: 5.5
Alkalinity: 3 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Aluminum | 22 | | µg/L | GE |
| 0 | Aluminum | 22 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.7 | | µg/L | GE |
| 0 | Barium | 7.6 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,310 | | µg/L | GE |
| 0 | Calcium | 1,310 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,770 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 4.0 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 310 | | µg/L | GE |
| 0 | Magnesium | 308 | | µg/L | GE |
| 0 | Manganese | 3.9 | | µg/L | GE |
| 0 | Manganese | 3.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,480 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 538 | | µg/L | GE |
| 0 | Potassium | 525 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |

WELL MSB 85B collected on 08/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silica | 8,720 | | µg/L | GE |
| 0 | Silica | 8,710 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,970 | | µg/L | GE |
| 0 | Sodium | 2,960 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 30,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.7 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.9 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 156.31 ft (47.64 m) below TOC
Water elevation: 225.09 ft (68.61 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 48 gal
The well went dry during purging.

Time: 15:30
pH: 6.2
Alkalinity: 10 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 3.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,500 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,500 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 26 | | µg/L | GE |
| 0 | Total organic halogens | 25 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 26 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 147.51 ft (44.96 m) below TOC
Water elevation: 233.89 ft (71.29 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 45 gal

Time: 9:35
pH: 5.6
Alkalinity: 7 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 72 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | [illegible] | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,800 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,880 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL MSB 85D collected on 08/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 2,050 | | µg/L | GE |
| 1 | Manganese | 48 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,350 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,780 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,260 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,290 | | µg/L | GE |
| 0 | Sulfate | 1,860 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 63,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 23 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Gross alpha | 6.4E-09 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.4E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 9.2E-07 ± 5.0E-07 | | µCi/mL | GE |

## WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 159.62 ft (48.65 m) below TOC
Water elevation: 221.38 ft (67.48 m) msl
Sp. conductance: 131 µS/cm
Water evacuated before sampling: 37 gal
The well went dry during purging.

Time: 9:55
pH: 9.0
Alkalinity: 70 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.3 | JQ | pH | GE |
| 0 | Specific conductance | 130 | | µS/cm | GE |
| 2 | Aluminum | 162 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 16 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,250 | | µg/L | GE |

WELL MSB 85TA collected on 08/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,860 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 87 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 212 | | µg/L | GE |
| 0 | Manganese | 7.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 10,500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 1,840 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 21,500 | | µg/L | GE |
| 0 | Sulfate | 2,080 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 2.3 | | µg/L | GE |
| 0 | Toluene | 7.0 | | µg/L | GE |
| 0 | Total dissolved solids | 158,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,800 | | µg/L | GE |
| 0 | Total organic halogens | 21 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 21 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | 3.0E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.0E-08 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: 132.15 ft (40.28 m) below TOC
Water elevation: 225.25 ft (68.66 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 170 gal

Time: 8:35
pH: 5.9
Alkalinity: 7 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.7 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 2 | Aluminum | 121 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,760 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,780 | | µg/L | GE |
| 0 | Chloride | 1,790 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.6 | J2 | µg/L | GE |

WELL MSB 86C collected on 08/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 51 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 378 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,210 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 504 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 7,860 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,650 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 76,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 70,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 80 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | 13 | | µg/L | GE |
| 0 | Gross alpha | 3.6E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 4.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 4.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL MWD 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:30
Depth to water: 139.35 ft (42.47 m) below TOC
Water elevation: 190.15 ft (57.96 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:40
Depth to water: 71.25 ft (21.72 m) below TOC
Water elevation: 258.35 ft (78.75 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:25
Depth to water: 69.30 ft (21.12 m) below TOC
Water elevation: 259.30 ft (79.04 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:35
Depth to water: 63.09 ft (19.23 m) below TOC
Water elevation: 266.91 ft (81.36 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:45
Depth to water: 134.47 ft (40.99 m) below TOC
Water elevation: 189.93 ft (57.89 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:50
Depth to water: 64.80 ft (19.75 m) below TOC
Water elevation: 259.50 ft (79.10 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:55
Depth to water: 56.49 ft (17.22 m) below TOC
Water elevation: 268.11 ft (81.72 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 15:00
Depth to water: 141.23 ft (43.05 m) below TOC
Water elevation: 189.57 ft (57.78 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:05
Depth to water: 133.85 ft (40.80 m) below TOC
Water elevation: 190.75 ft (58.14 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:00
Depth to water: 68.71 ft (20.94 m) below TOC
Water elevation: 256.39 ft (78.15 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 13:55
Depth to water: 57.50 ft (17.53 m) below TOC
Water elevation: 267.40 ft (81.50 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 15:05
Depth to water: 57.03 ft (17.38 m) below TOC
Water elevation: 268.77 ft (81.92 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:10
Depth to water: 54.91 ft (16.74 m) below TOC
Water elevation: 267.59 ft (81.56 m) msl
Inaccessibility or mechanical problem prevented sample collection.

# ANALYTICAL RESULTS

## WELL MWD 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:20
Depth to water: 70.12 ft (21.37 m) below TOC
Water elevation: 260.76 ft (79.49 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL MWD 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92 Time: 14:15
Depth to water: 138.22 ft (42.13 m) below TOC
Water elevation: 192.58 ft (58.70 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL NBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 Time: 10:55
Depth to water: 86.26 ft (26.29 m) below TOC pH: 4.8
Water elevation: 225.24 ft (68.65 m) msl Alkalinity: 1 mg/L
Sp. conductance: 121 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 130 | | µS/cm | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Iron | 8.5 | | µg/L | GE |
| 2 | Lead | 67 | | µg/L | GE |
| 0 | Manganese | 24 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 12,700 | | µg/L | GE |
| 0 | Sodium | 11,000 | | µg/L | GE |
| 0 | Sulfate | 1,050 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 2 | Total organic halogens | 58 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 124 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.0E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 5.4E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total activity | 2.0E-04 ± 3.5E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 2.4E-09 ± 1.2E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.0E-04 ± 2.2E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 Time: 10:30
Depth to water: 87.01 ft (26.52 m) below TOC pH: 5.1
Water elevation: 225.69 ft (68.79 m) msl Alkalinity: 3 mg/L
Sp. conductance: 442 µS/cm Water temperature: 22.9°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 2 | Specific conductance | 500 | | µS/cm | GE |
| 2 | Specific conductance | 500 | | µS/cm | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 2 | Iron | 849 | | µg/L | GE |
| 2 | Lead | 73 | | µg/L | GE |
| 2 | Lead | 73 | | µg/L | GE |
| 1 | Manganese | 36 | | µg/L | GE |
| 0 | Mercury | 0.30 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 49,600 | | µg/L | GE |
| 0 | Sodium | 74,800 | | µg/L | GE |
| 0 | Sulfate | 8,580 | | µg/L | GE |
| 0 | Sulfate | 8,710 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 2 | Total organic halogens | 56 | | µg/L | GE |
| 0 | Total phosphates (as P) | 240 | | µg/L | GE |
| 0 | Total phosphates (as P) | 260 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 132 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.5E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total activity | 7.9E-04 ± 6.5E-06 | | µCi/mL | EM |
| 1 | Total alpha-emitting radium | 3.2E-09 ± 1.1E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.7E-09 ± 1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 7.6E-04 ± 4.1E-06 | | µCi/mL | GE |
| 2 | Tritium | 7.5E-04 ± 4.1E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 Time: 10:05
Depth to water: 93.21 ft (28.41 m) below TOC pH: 5.7
Water elevation: 219.19 ft (66.81 m) msl Alkalinity: 11 mg/L
Sp. conductance: 58 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 9.9 | J2 | µg/L | GE |
| 0 | Lead | 4.9 | | µg/L | GE |
| 0 | Manganese | 2.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,300 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,200 | | µg/L | GE |
| 0 | Sodium | 3,620 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.3 | | µg/L | GE |
| 0 | Total organic halogens | 9.2 | | µg/L | GE |
| 0 | Total phosphates (as P) | 250 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 19 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |

WELL NBG 3 collected on 09/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.8E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 3.3E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.0E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.1E-05 ± 8.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 Time: 9:40
Depth to water: 87.97 ft (26.81 m) below TOC pH: 4.9
Water elevation: 218.53 ft (66.61 m) msl Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Barium | 7.7 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 99 | | µg/L | GE |
| 2 | Lead | 37 | | µg/L | GE |
| 0 | Manganese | 4.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,690 | | µg/L | GE |
| 0 | Sodium | 1,840 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 13 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 4.8 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | 2.4E-09 ± 3.9E-10 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.6E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 Time: 9:15
Depth to water: 83.94 ft (25.59 m) below TOC pH: 5.1
Water elevation: 219.56 ft (66.92 m) msl Alkalinity: 2 mg/L
Sp. conductance: 34 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Barium | 8.3 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |

WELL NBG 5 collected on 09/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 31 | | µg/L | GE |
| 2 | Lead | 45 | | µg/L | GE |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,500 | | µg/L | GE |
| 0 | Sodium | 2,180 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 7.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.5E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.9E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NPM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 Time: 11:25
Depth to water: 20.55 ft (6.26 m) below TOC
Water elevation: 285.55 ft (87.04 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL NPM 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 Time: 11:30
Depth to water: 89.97 ft (27.42 m) below TOC
Water elevation: 215.93 ft (65.82 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL NPM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92 Time: 10:05
Depth to water: 66.87 ft (20.38 m) below TOC pH: 7.8
Water elevation: 270.23 ft (82.37 m) msl Alkalinity: 21 mg/L
Sp. conductance: 56 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 20 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.2 | JQ | pH | GE |
| 1 | pH | 8.3 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 6,970 | | µg/L | GE |
| 0 | Chloride | 1,790 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 7.4 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 368 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,740 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,110 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL NPM 2 collected on 08/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,450 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,950 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 35,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,050 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.5E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NPM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92
Depth to water: 62.61 ft (19.08 m) below TOC
Water elevation: 273.69 ft (83.42 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 70 gal
Time: 11:05
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 25 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 886 | | µg/L | GE |
| 0 | Chloride | 3,010 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 55 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 292 | | µg/L | GE |
| 0 | Manganese | 7.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 843 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,410 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,500 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 26,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.5E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NPM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92
Depth to water: 30.83 ft (9.40 m) below TOC
Water elevation: 282.97 ft (86.25 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 46 gal
The well went dry during purging.
Time: 14:55
pH: 4.9
Alkalinity: 2 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 258 | | µg/L | GE |
| 0 | Chloride | 2,880 | | µg/L | GE |
| 0 | Chromium | 6.8 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 21 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 375 | | µg/L | GE |
| 0 | Manganese | 2.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 134 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 736 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 64,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,150 | | µg/L | GE |
| 0 | Sulfate | 1,220 | | µg/L | GE |
| 0 | Total dissolved solids | 101,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NPM 4DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: 5.48 ft (1.67 m) below TOC
Water elevation: 308.12 ft (93.92 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 9:45
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 401 | | µg/L | GE |
| 0 | Calcium | 398 | | µg/L | GE |
| 0 | Chloride | 3,000 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 51 | | µg/L | GE |
| 0 | Iron | 50 | | µg/L | GE |
| 1 | Lead | 8.7 | | µg/L | GE |
| 0 | Magnesium | 432 | | µg/L | GE |
| 0 | Magnesium | 429 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 90 | | µg/L | GE |

WELL NPM 4DD collected on 08/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,210 | | µg/L | GE |
| 0 | Silica | 7,210 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,680 | | µg/L | GE |
| 0 | Sodium | 1,700 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 12,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.8E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NPM 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: 58.26 ft (17.76 m) below TOC
Water elevation: 269.04 ft (82.00 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 55 gal

Time: 11:40
pH: 6.0
Alkalinity: 23 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.5 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,190 | J2 | µg/L | GE |
| 0 | Chloride | 2,350 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 157 | | µg/L | GE |
| 0 | Manganese | 2.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 531 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 866 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,040 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,710 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 28,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.2E-06 ± 5.0E-07 | | µCi/mL | GE |

WELL NPM 19A collected on 08/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tritium | 1.1E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NPM 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: 60.30 ft (18.38 m) below TOC
Water elevation: 267.30 ft (81.47 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 130 gal

Time: 10:55
pH: 5.7
Alkalinity: 9 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | pH | 7.5 | JQ | pH | WA |
| 0 | pH | 7.5 | JQ | pH | WA |
| 0 | Specific conductance | 39 | | µS/cm | GE |
| 0 | Specific conductance | 33 | JQ | µS/cm | WA |
| 0 | Specific conductance | 33 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Barium | 18 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 1.0 | J3 | µg/L | WA |
| 0 | Calcium | 2,310 | J2 | µg/L | GE |
| 0 | Calcium | 2,170 | | µg/L | WA |
| 0 | Chloride | 2,300 | | µg/L | GE |
| 0 | Chloride | 2,450 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.1 | J3 | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Lead | 43 | | µg/L | WA |
| 0 | Magnesium | 251 | | µg/L | GE |
| 0 | Magnesium | 235 | | µg/L | WA |
| 0 | Manganese | 2.6 | | µg/L | GE |
| 0 | Manganese | 2.7 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 184 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 95 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 2,660 | | µg/L | GE |
| 0 | Potassium | 2,760 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 11,300 | | µg/L | GE |
| 0 | Silica | 10,000 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,550 | | µg/L | GE |
| 0 | Sodium | 2,330 | | µg/L | WA |
| 0 | Sulfate | 2,480 | | µg/L | GE |
| 0 | Sulfate | 2,630 | | µg/L | WA |
| 0 | Sulfate | 2,580 | | µg/L | WA |
| 0 | Total dissolved solids | 28,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 29,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 436 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |

WELL NPM 19B collected on 08/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.9E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.1E-09 ± 5.3E-10 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.8E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 4.5E-10 ± 2.7E-10 | | µCi/mL | TM |
| 0 | Radium-226 | <7.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.6E-07 | | µCi/mL | TM |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL NPM 19B Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: 60.30 ft (18.38 m) below TOC
Water elevation: 267.30 ft (81.47 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 130 gal

Time: 10:55
pH: 5.7
Alkalinity: 9 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Specific conductance | 35 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 17 | | µg/L | GE |
| 0 | Barium | 18 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 2,170 | | µg/L | GE |
| 0 | Calcium | 2,230 | | µg/L | WA |
| 0 | Chloride | 2,240 | | µg/L | GE |
| 0 | Chloride | 2,220 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.3 | J3 | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 244 | | µg/L | GE |
| 0 | Magnesium | 238 | | µg/L | WA |
| 0 | Manganese | 2.3 | | µg/L | GE |
| 0 | Manganese | 1.9 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 147 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 111 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |

WELL NPM 19B collected on 08/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 2,590 | | µg/L | GE |
| 0 | Potassium | 2,520 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 10,900 | | µg/L | GE |
| 0 | Silica | 10,500 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,500 | J2 | µg/L | GE |
| 0 | Sodium | 2,390 | | µg/L | WA |
| 0 | Sulfate | 2,380 | | µg/L | GE |
| 0 | Sulfate | 2,570 | | µg/L | WA |
| 0 | Total dissolved solids | 30,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | | µg/L | WA |
| 0 | Total dissolved solids | 30,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 178 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.5E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.0E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 5.3E-10 ± 2.9E-10 | | µCi/mL | TM |
| 0 | Radium-226 | <6.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.5E-07 | | µCi/mL | TM |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL NPM 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: 61.91 ft (18.87 m) below TOC
Water elevation: 266.99 ft (81.38 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 51 gal
The well went dry during purging.

Time: 11:55
pH: 5.6
Alkalinity: 7 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 38 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 42 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,950 | J2 | µg/L | GE |
| 0 | Chloride | 2,210 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 31 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 411 | | µg/L | GE |

WELL NPM 19C collected on 08/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | 6.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 66 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,460 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 15,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,980 | | µg/L | GE |
| 0 | Sulfate | 2,580 | | µg/L | GE |
| 0 | Total dissolved solids | 36,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-06 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-06 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-06 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-06 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-06 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-06 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-06 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.2E-09 ± 5.4E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-06 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-06 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-06 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-06 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-06 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-06 | | µCi/mL | GP |

## WELL NPM 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: 85.77 ft (26.14 m) below TOC
Water elevation: 242.93 ft (74.05 m) msl
Sp. conductance: 194 µS/cm
Water evacuated before sampling: 382 gal
Time: 11:20
pH: 8.8
Alkalinity: 88 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.3 | JQ | pH | GE |
| 0 | Specific conductance | 181 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 95 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 32,200 | J2 | µg/L | GE |
| 0 | Chloride | 2,570 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 102 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 845 | | µg/L | GE |
| 1 | Manganese | 33 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 5,230 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 22,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,380 | | µg/L | GE |
| 0 | Sulfate | 1,490 | | µg/L | GE |
| 0 | Total dissolved solids | 122,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-06 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-06 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-06 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-06 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-06 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-06 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-06 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.7E-09 ± 5.2E-10 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-06 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-06 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-06 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-06 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-06 | | µCi/mL | GP |

WELL NPM 19D collected on 08/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc-65 | <2.0E-06 | | µCi/mL | GP |

## WELL NPM 19E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: 143.88 ft (43.86 m) below TOC
Water elevation: 187.82 ft (57.25 m) msl
Sp. conductance: 336 µS/cm
Water evacuated before sampling: 25 gal
The well went dry during purging.
Time: 12:10
pH: 10.8
Alkalinity: 66 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 11 | JQ | pH | GE |
| 1 | Specific conductance | 310 | | µS/cm | GE |
| 0 | Arsenic | 3.8 | | µg/L | GE |
| 0 | Barium | 60 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 6,800 | J2 | µg/L | GE |
| 0 | Chloride | 2,890 | | µg/L | GE |
| 0 | Chromium | 6.0 | | µg/L | GE |
| 0 | Fluoride | 143 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 26 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 26,400 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 19,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 27,400 | | µg/L | GE |
| 0 | Sulfate | 25,000 | | µg/L | GE |
| 0 | Sulfate | 24,500 | | µg/L | GE |
| 0 | Total dissolved solids | 156,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,600 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-06 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-06 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-06 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-06 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-06 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-06 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-06 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 1.1E-06 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-06 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-06 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-06 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-06 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-06 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-06 | | µCi/mL | GP |

## WELL NPM 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: 31.82 ft (9.70 m) below TOC
Water elevation: 289.86 ft (88.36 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 26 gal
Time: 9:15
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 21 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.4 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,640 | J2 | µg/L | GE |
| 0 | Chloride | 1,520 | | µg/L | GE |
| 0 | Chloride | 1,540 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 130 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 395 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 640 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |

WELL NPM 34A collected on 08/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,670 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,500 | | µg/L | GE |
| 0 | Sulfate | 1,570 | | µg/L | GE |
| 0 | Sulfate | 1,590 | | µg/L | GE |
| 0 | Total dissolved solids | 20,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.1E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NPM 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: 51.76 ft (15.78 m) below TOC
Water elevation: 270.04 ft (82.31 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 33 gal
The well went dry during purging.

Time: 8:50
pH: 6.4
Alkalinity: 17 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | pH | 6.9 | JQ | pH | GE |
| 0 | Specific conductance | 69 | | µS/cm | GE |
| 0 | Specific conductance | 69 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 63 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,840 | J2 | µg/L | GE |
| 0 | Chloride | 3,220 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 16 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 406 | | µg/L | GE |
| 0 | Manganese | 9.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,560 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,520 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 3,540 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,410 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,140 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 56,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |

WELL NPM 34B collected on 08/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.1E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NPM 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92
Depth to water: 55.32 ft (16.86 m) below TOC
Water elevation: 266.68 ft (81.29 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 223 gal

Time: 13:00
pH: 5.7
Alkalinity: 10 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | WA |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Specific conductance | 31 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 9.0 | | µg/L | GE |
| 0 | Barium | 8.5 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,070 | J2 | µg/L | GE |
| 0 | Calcium | 1,050 | | µg/L | WA |
| 0 | Chloride | 2,170 | | µg/L | GE |
| 0 | Chloride | 2,400 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 5.8 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 4.3 | | µg/L | GE |
| 0 | Iron | 8.2 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Lead | 44 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 105 | | µg/L | GE |
| 0 | Magnesium | 97 | | µg/L | WA |
| 0 | Manganese | 2.1 | | µg/L | GE |
| 0 | Manganese | 1.4 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 126 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 290 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,850 | | µg/L | GE |
| 0 | Potassium | 1,880 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,480 | | µg/L | GE |
| 0 | Silica | 7,200 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 0.92 | J3 | µg/L | WA |
| 0 | Sodium | 4,430 | | µg/L | GE |
| 0 | Sodium | 3,870 | | µg/L | WA |
| 0 | Sulfate | 1,610 | | µg/L | GE |
| 0 | Sulfate | 1,690 | | µg/L | WA |
| 0 | Total dissolved solids | 33,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 20,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 155 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |

WELL NPM 34C collected on 08/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | 4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <7.0E-10 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.9E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 1.6E-10 ± 1.7E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <9.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.5E-07 | | µCi/mL | TM |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL NPM 34C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92
Depth to water: 55.32 ft (16.86 m) below TOC
Water elevation: 268.68 ft (81.29 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 223 gal
Time: 13:00
pH: 5.7
Alkalinity: 10 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | GE |
| 0 | pH | 6.2 | JQ | pH | WA |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Specific conductance | 28 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.9 | | µg/L | GE |
| 0 | Barium | 8.2 | J3 | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 2 | Cadmium | 8.0 | | µg/L | WA |
| 0 | Calcium | 1,120 | | µg/L | GE |
| 0 | Calcium | 1,130 | | µg/L | WA |
| 0 | Chloride | 2,110 | | µg/L | GE |
| 0 | Chloride | 2,380 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.7 | J3 | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 4.4 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 102 | | µg/L | GE |
| 0 | Magnesium | 103 | | µg/L | WA |
| 0 | Manganese | 2.0 | | µg/L | GE |
| 0 | Manganese | 1.4 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 133 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 59 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,840 | | µg/L | GE |
| 0 | Potassium | 1,740 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,470 | | µg/L | GE |
| 0 | Silica | 7,300 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 4,450 | J2 | µg/L | GE |
| 0 | Sodium | 4,130 | | µg/L | WA |
| 0 | Sulfate | 1,560 | | µg/L | GE |
| 0 | Sulfate | 1,700 | | µg/L | WA |
| 0 | Total dissolved solids | 28,000 | V | µg/L | GE |

WELL NPM 34C collected on 08/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 20,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | Total phosphates (as P) | 210 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <7.0E-10 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.0E-10 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <2.6E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <6.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.4E-07 | | µCi/mL | TM |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL NPM 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: 68.55 ft (20.89 m) below TOC
Water elevation: 254.05 ft (77.44 m) msl
Sp. conductance: 962 µS/cm
Water evacuated before sampling: 75 gal
The well went dry during purging.
Time: 9:30
pH: 11.7
Alkalinity: 302 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | pH | 12 | JQ | pH | GE |
| 2 | Specific conductance | 950 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 138 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 67,800 | J2 | µg/L | GE |
| 0 | Chloride | 1,980 | | µg/L | GE |
| 0 | Chromium | 19 | | µg/L | GE |
| 0 | Fluoride | 127 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 3.0 | | µg/L | GE |
| 0 | Magnesium | 9.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 460 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 29,600 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,950 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 16,100 | | µg/L | GE |
| 0 | Sulfate | 2,930 | | µg/L | GE |
| 0 | Total dissolved solids | 274,000 | V | µg/L | GE |
| 0 | Total organic carbon | 2,600 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 100 | | µg/L | GE |

WELL NPM 34D collected on 08/29/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL NPM 34E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92
Depth to water: 135.55 ft (41.32 m) below TOC
Water elevation: 187.15 ft (57.04 m) msl
Sp. conductance: 189 µS/cm
Water evacuated before sampling: 479 gal
Time: 13:25
pH: 8.5
Alkalinity: 88 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 8.9 | JQ | pH | GE |
| 0 | Specific conductance | 180 | | µS/cm | GE |
| 0 | Arsenic | 5.6 | | µg/L | GE |
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Barium | 41 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 30,700 | J2 | µg/L | GE |
| 0 | Calcium | 30,500 | J2 | µg/L | GE |
| 0 | Chloride | 2,570 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 414 | | µg/L | GE |
| 0 | Magnesium | 413 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 112 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 4,720 | | µg/L | GE |
| 0 | Potassium | 4,650 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 14,100 | | µg/L | GE |
| 0 | Silica | 14,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,940 | | µg/L | GE |
| 0 | Sodium | 7,000 | | µg/L | GE |
| 0 | Sulfate | 2,790 | | µg/L | GE |
| 0 | Total dissolved solids | 113,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-00 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL P 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92
Depth to water: 55.49 ft (16.91 m) below TOC
Water elevation: 241.51 ft (73.61 m) msl
Sp. conductance: 172 µS/cm
Water evacuated before sampling: 271 gal
Time: 12:10
pH: 7.2
Alkalinity: 98 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.7 | JQ | pH | GE |
| 0 | Specific conductance | 125 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 34,300 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,980 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 10 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 599 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 70 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 22,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,690 | | µg/L | GE |
| 0 | Sulfate | 3,190 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 115,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 220 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |

WELL P 14C collected on 09/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | 1.9E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL P 14TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 11:35
Depth to water: 106.33 ft (32.41 m) below TOC
Water elevation: 190.27 ft (59.00 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL P 14TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 13:55
Depth to water: 105.11 ft (32.04 m) below TOC pH: 5.2
Water elevation: 191.19 ft (58.28 m) msl Alkalinity: 2 mg/L
Sp. conductance: 43 µS/cm Water temperature: 22.4°C
Water evacuated before sampling: 1215 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JO | pH | GE |
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Specific conductance | 41 | | µS/cm | GE |
| 2 | Aluminum | 291 | | µg/L | GE |
| 2 | Aluminum | 293 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 14 | | µg/L | GE |
| 0 | Barium | 14 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,320 | | µg/L | GE |
| 0 | Calcium | 2,340 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,530 | | µg/L | GE |
| 0 | Chloride | 1,500 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | 4.2 | | µg/L | GE |
| 0 | Cobalt | 4.6 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 3,000 | J2 | µg/L | GE |
| 2 | Iron | 3,030 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 301 | | µg/L | GE |
| 0 | Magnesium | 304 | | µg/L | GE |
| 1 | Manganese | 49 | | µg/L | GE |
| 1 | Manganese | 49 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 5.9 | | µg/L | GE |
| 0 | Nickel | 5.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 803 | | µg/L | GE |
| 0 | Potassium | 800 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,300 | | µg/L | GE |
| 0 | Silica | 12,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |

WELL P 14TB collected on 09/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,320 | | µg/L | GE |
| 0 | Sodium | 1,340 | | µg/L | GE |
| 0 | Sulfate | 10,400 | | µg/L | GE |
| 0 | Sulfate | 10,700 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 44,000 | JQ | µg/L | GE |
| 0 | Total dissolved solids | 49,000 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 8.1 | | µg/L | GE |
| 0 | Zinc | 8.1 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.1E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 6.0E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.0E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL P 14TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 Time: 11:30
Depth to water: 105.75 ft (32.23 m) below TOC
Water elevation: 191.15 ft (58.26 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL P 18TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/92 Time: 15:47
Depth to water: 125.00 ft (38.10 m) below TOC pH: 5.7
Water elevation: 173.70 ft (52.94 m) msl
Sp. conductance: 58 µS/cm Water temperature: 23.0°C
Water evacuated before sampling: 1458 gal

## WELL P 18TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/92 Time: 14:40
Depth to water: 125.30 ft (38.19 m) below TOC
Water elevation: 173.70 ft (52.94 m) msl
Inaccessibility or mechanical problem prevented sample collection.

# ANALYTICAL RESULTS

## WELL P 24TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92 Time: 12:45
Depth to water: 135.00 ft (41.15 m) below TOC pH: 6.1
Water elevation: 180.80 ft (55.11 m) msl
Sp. conductance: 73 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 1156 gal

## WELL P 25TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/92 Time: 14:15
Depth to water: 91.50 ft (27.89 m) below TOC pH: 6.0
Water elevation: 175.50 ft (53.49 m) msl
Sp. conductance: 60 µS/cm
Water evacuated before sampling: 2063 gal

## WELL P 25TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92 Time: 13:35
Inaccessibility or mechanical problem prevented sample collection.

## WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 15:15
Depth to water: 35.35 ft (10.77 m) below TOC
Water elevation: 119.15 ft (36.32 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 15:55
Depth to water: 42.70 ft (13.02 m) below TOC pH: 6.1
Water elevation: 111.80 ft (34.08 m) msl Alkalinity: 20 mg/L
Sp. conductance: 65 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 106 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 56 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 7,510 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,140 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 427 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |

WELL P 26B collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 670 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 660 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 864 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,110 | | µg/L | GE |
| 0 | Sulfate | 2,350 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 43,000 | V | µg/L | GE |
| 1 | Total inorganic carbon | 5,030 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-08 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 2.0E-09 ± 8.1E-10 | | µCi/mL | GP |
| 0 | Radium-228 | 2.4E-09 ± 8.7E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.9E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92 Time: 12:05
Depth to water: 34.37 ft (10.48 m) below TOC pH: 5.8
Water elevation: 120.13 ft (36.62 m) msl Alkalinity: 7 mg/L
Sp. conductance: 38 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | pH | 7.1 | JQ | pH | WA |
| 0 | Specific conductance | 33 | | µS/cm | GE |
| 0 | Specific conductance | 32 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Barium | 10 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.67 | J3 | µg/L | WA |
| 0 | Calcium | 3,790 | | µg/L | GE |
| 0 | Calcium | 3,680 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |

WELL P 26D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloride | 2,120 | | µg/L | GE |
| 0 | Chloride | 2,390 | JQ | µg/L | WA |
| 0 | Chloride | 2,380 | JQ | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.7 | | µg/L | GE |
| 0 | Dichloromethane | 3.7 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | JQ | µg/L | WA |
| 0 | Iron | 4.7 | | µg/L | GE |
| 0 | Iron | 6.8 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 3.4 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Magnesium | 427 | | µg/L | GE |
| 0 | Magnesium | 367 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 0.40 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 547 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 840 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 942 | | µg/L | GE |
| 0 | Potassium | 1,160 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,590 | | µg/L | GE |
| 0 | Silica | 7,540 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,170 | | µg/L | GE |
| 0 | Sodium | 1,810 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 642 | | µg/L | WA |
| 0 | Sulfate | 633 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 24,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 38,000 | | µg/L | WA |
| 1 | Total inorganic carbon | 6,590 | | µg/L | GE |
| 1 | Total inorganic carbon | 7,070 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 92 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |

WELL P 26D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <6.0E-10 | | µCi/mL | TM |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | CN |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.2E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <2.4E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 3.4E-10 ± 2.3E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <5.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.0E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | CN |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.2E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <4.9E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

# ANALYTICAL RESULTS

## WELL P 26D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 34.37 ft (10.48 m) below TOC
Water elevation: 120.13 ft (36.62 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 50 gal

Time: 12:05
pH: 5.6
Alkalinity: 7 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 7.0 | JQ | pH | WA |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Specific conductance | 33 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Barium | 10 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.87 | J3 | µg/L | WA |
| 0 | Calcium | 3,830 | | µg/L | GE |
| 0 | Calcium | 3,720 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 2,230 | | µg/L | GE |
| 0 | Chloride | 2,360 | JQ | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.5 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | Dichloromethane | 3.9 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | JQ | µg/L | WA |
| 0 | Iron | 5.8 | | µg/L | GE |
| 0 | Iron | 4.6 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |

WELL P 26D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Lead | 10 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 422 | | µg/L | GE |
| 0 | Magnesium | 387 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 0.50 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 170 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,050 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 932 | | µg/L | GE |
| 0 | Potassium | 845 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,560 | | µg/L | GE |
| 0 | Silica | 7,480 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 2.4 | J3 | µg/L | WA |
| 0 | Sodium | 2,160 | | µg/L | GE |
| 0 | Sodium | 1,760 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 648 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 26,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | | µg/L | WA |
| 1 | Total inorganic carbon | 6,210 | | µg/L | GE |
| 1 | Total inorganic carbon | 7,440 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 48 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.4E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | CN |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.1E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |

WELL P 26D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 2.8E-10 ± 2.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.2E-09 ± 9.0E-10 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.7E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | CN |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.6E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.1E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL P 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92 — Time: 10:30
Depth to water: 96.20 ft (29.32 m) below TOC — pH: 5.0
Water elevation: 180.20 ft (54.93 m) msl
Sp. conductance: 50 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 1919 gal

## WELL P 27TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 — Time: 12:45
Depth to water: 84.50 ft (28.80 m) below TOC — pH: 6.2
Water elevation: 181.80 ft (55.41 m) msl
Sp. conductance: 77 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 1263 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | WA |
| 0 | pH | 6.4 | JQ | pH | WA |
| 0 | Specific conductance | 69 | JQ | µS/cm | WA |
| 0 | Specific conductance | 69 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 19 | J3 | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | 0.88 | J3 | µg/L | WA |
| 0 | Calcium | 11,000 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 1,630 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 3.7 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |

WELL P 27TC collected on 09/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 6.0 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 1 | Iron | 278 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.053 | | µg/L | WA |
| 0 | Magnesium | 302 | | µg/L | WA |
| 0 | Manganese | 12 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.53 | | µg/L | WA |
| 0 | Nitrate as nitrogen | <20 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,920 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 13,900 | | µg/L | WA |
| 0 | Silver | 2.1 | J3 | µg/L | WA |
| 0 | Sodium | 1,200 | | µg/L | WA |
| 0 | Sulfate | 11,100 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 68,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 163 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.54 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | 4.2E-09 ± 1.9E-09 | | µCi/mL | TM |
| 0 | Gross alpha | 1.7E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 4.0E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 4.1E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 9.9E-10 ± 5.2E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <8.0E-10 | | µCi/mL | TM |
| 0 | Tritium | <5.1E-07 | | µCi/mL | TM |
| 0 | Tritium | <5.4E-07 | | µCi/mL | TM |

## WELL P 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/92 — Time: 12:55
Depth to water: 106.02 ft (32.92 m) below TOC — pH: 5.7
Water elevation: 177.68 ft (54.16 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 67 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 619 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Calcium | 8,130 | | µg/L | GE |
| 0 | Calcium | 8,010 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL P 28A collected on 09/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dichloromethane | 26 | V | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Dissolved organic carbon | <500 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 2 | Iron | 1,950 | | µg/L | GE |
| 2 | Iron | 1,890 | | µg/L | WA |
| 0 | Magnesium | 502 | | µg/L | GE |
| 0 | Magnesium | 483 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Potassium | 898 | | µg/L | GE |
| 0 | Potassium | 1,100 | | µg/L | WA |
| 0 | Silica | 14,500 | J2 | µg/L | GE |
| 0 | Silica | 13,500 | | µg/L | WA |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 5.6 | | µg/L | WA |
| 0 | Total phosphates (as P) | 140 | | µg/L | GE |
| 0 | Total phosphates (as P) | 141 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Radium-226 | 4.8E-10 ± 3.8E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 5.6E-10 ± 2.8E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.5E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 1.1E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 1.0E-09 | | µCi/mL | GE |

## WELL P 28A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/92
Depth to water: 108.02 ft (32.92 m) below TOC
Water elevation: 177.68 ft (54.16 m) msl
Sp. conductance: 67 µS/cm
Water evacuated before sampling: 619 gal
Time: 12:55
pH: 5.7
Alkalinity: 14 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Calcium | 8,200 | | µg/L | GE |
| 0 | Calcium | 7,900 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | Dichloromethane | 13 | V | µg/L | WA |

WELL P 28A collected on 09/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Dissolved organic carbon | <500 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 2 | Iron | 1,960 | | µg/L | GE |
| 2 | Iron | 1,860 | | µg/L | WA |
| 0 | Magnesium | 483 | | µg/L | GE |
| 0 | Magnesium | 470 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Potassium | 770 | | µg/L | GE |
| 0 | Potassium | 834 | | µg/L | WA |
| 0 | Silica | 14,200 | | µg/L | GE |
| 0 | Silica | 13,400 | | µg/L | WA |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <100 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 140 | | µg/L | GE |
| 0 | Total phosphates (as P) | 168 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Radium-226 | 3.5E-10 ± 2.2E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.7E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 9.0E-10 | | µCi/mL | GE |

## WELL P 28TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/92
Depth to water: 108.72 ft (33.14 m) below TOC
Water elevation: 176.68 ft (53.85 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 1402 gal
Time: 14:00
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Calcium | 1,370 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.5 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |

WELL P 28TB collected on 09/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Iron | 4,170 | | µg/L | GE |
| 0 | Magnesium | 314 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Potassium | 662 | | µg/L | GE |
| 0 | Silica | 11,100 | J2 | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 1 | Total alpha-emitting radium | 3.2E-09 ± 1.4E-09 | | µCi/mL | GE |

## WELL P 28TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/92 Time: 12:10
Depth to water: 108.56 ft (33.09 m) below TOC
Water elevation: 176.24 ft (53.72 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL P 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 Time: 15:00
Depth to water: 100.35 ft (30.59 m) below TOC pH: 5.4
Water elevation: 168.95 ft (51.50 m) msl Alkalinity: 8 mg/L
Sp. conductance: 45 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 112 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Benzene | 43 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Calcium | 5,700 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.1 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Iron | 2,240 | | µg/L | GE |
| 0 | Magnesium | 370 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Silica | 10,800 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | 1.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

## WELL P 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 Time: 17:10
Depth to water: 95.76 ft (29.19 m) below TOC pH: 5.2
Water elevation: 172.84 ft (52.68 m) msl Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 1567 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Calcium | 477 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Iron | 1,850 | | µg/L | GE |
| 0 | Magnesium | 284 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Silica | 10,200 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

## WELL P 29TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92 Time: 16:50
Depth to water: 96.23 ft (29.33 m) below TOC pH: 5.4
Water elevation: 172.66 ft (52.63 m) msl Alkalinity: 3 mg/L
Sp. conductance: 34 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 1094 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Calcium | 2,460 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |

WELL P 29TC collected on 08/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.1 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Iron | 1,380 | | µg/L | GE |
| 0 | Magnesium | 218 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Silica | 9,310 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

## WELL P 29TD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 Time: 14:00
Depth to water: 86.50 ft (29.41 m) below TOC
Water elevation: 172.30 ft (52.52 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL PAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/92 Time: 9:45
Depth to water: 12.30 ft (3.75 m) below TOC pH: 5.0
Water elevation: 283.60 ft (86.44 m) msl Alkalinity: 3 mg/L
Sp. conductance: 39 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 78 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 35 | JQ | µS/cm | WA |
| 0 | Specific conductance | 35 | JQ | µS/cm | WA |
| 0 | Turbidity | 13 | JQ | NTU | WA |
| 0 | Turbidity | 13 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 19 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 584 | | µg/L | WA |
| 0 | Chloride | 3,330 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 88 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 272 | | µg/L | WA |
| 0 | Manganese | 5.1 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 866 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,140 | | µg/L | WA |
| 0 | Silver | 1.6 | J3 | µg/L | WA |
| 0 | Sodium | 5,980 | | µg/L | WA |
| 0 | Sulfate | 1,190 | | µg/L | WA |
| 0 | Sulfate | 1,160 | | µg/L | WA |
| 0 | Total dissolved solids | 33,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,920 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |

WELL PAC 1 collected on 08/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total phosphates (as P) | 106 | | µg/L | WA |
| 0 | Total phosphates (as P) | 99 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 6.8E-06 ± 6.1E-07 | | µCi/mL | CN |

## WELL PAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/92 Time: 9:05
Depth to water: 14.15 ft (4.31 m) below TOC pH: 6.1
Water elevation: 270.65 ft (82.50 m) msl Alkalinity: 50 mg/L
Sp. conductance: 99 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | WA |
| 0 | Specific conductance | 80 | JQ | µS/cm | WA |
| 0 | Turbidity | 11 | JQ | NTU | WA |
| 0 | Arsenic | 2.2 | J3 | µg/L | WA |
| 0 | Barium | 29 | J3 | µg/L | WA |
| 0 | Cadmium | 1.5 | J3 | µg/L | WA |
| 0 | Calcium | 4,790 | | µg/L | WA |
| 0 | Chloride | 5,330 | | µg/L | WA |
| 0 | Chromium | 7.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 7,670 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 866 | | µg/L | WA |
| 2 | Manganese | 70 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 141 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,350 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,470 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 7,840 | | µg/L | WA |
| 0 | Sulfate | 6,610 | | µg/L | WA |
| 0 | Total dissolved solids | 38,000 | | µg/L | WA |
| 0 | Total organic carbon | 995 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 237 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | 2.3E-09 ± 5.5E-10 | | µCi/mL | CN |
| 0 | Gross alpha | 1.9E-09 ± 5.2E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL PAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/92 Time: 8:15
Depth to water: 19.19 ft (5.85 m) below TOC pH: 5.8
Water elevation: 270.71 ft (82.51 m) msl Alkalinity: 40 mg/L
Sp. conductance: 344 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | WA |
| 1 | Specific conductance | 310 | JQ | µS/cm | WA |
| 0 | Turbidity | 12 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 77 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 12,300 | | µg/L | WA |
| 0 | Chloride | 12,200 | | µg/L | WA |
| 0 | Chromium | 1.5 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | 112 | | µg/L | WA |
| 1 | Iron | 278 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |

WELL PAC 3 collected on 08/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Magnesium | 4,350 | | µg/L | WA |
| 0 | Manganese | 23 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 491 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 13,800 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 45,400 | | µg/L | WA |
| 0 | Sulfate | 910 | | µg/L | WA |
| 0 | Total dissolved solids | 205,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,100 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 192 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.53 | | µg/L | WA |
| 0 | Gross alpha | 4.7E-09 ± 4.7E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.3E-09 ± 7.9E-10 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.1E-09 ± 3.0E-10 | | µCi/mL | CN |
| 0 | Tritium | 5.2E-08 ± 5.7E-07 | | µCi/mL | CN |

## WELL PAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/92
Depth to water: 7.66 ft (2.33 m) below TOC
Water elevation: 283.94 ft (86.55 m) msl
Sp. conductance: 111 µS/cm
Water evacuated before sampling: 87 gal
Time: 10:15
pH: 5.1
Alkalinity: 6 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | Specific conductance | 97 | JQ | µS/cm | WA |
| 0 | Turbidity | 11 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 13 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 210 | | µg/L | WA |
| 0 | Chloride | 3,230 | | µg/L | WA |
| 0 | Chromium | 4.2 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.10 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 39 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.052 | | µg/L | WA |
| 0 | Magnesium | 196 | | µg/L | WA |
| 0 | Manganese | 2.7 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.52 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,040 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,130 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 19,300 | | µg/L | WA |
| 0 | Sulfate | 3,540 | | µg/L | WA |
| 0 | Total dissolved solids | 68,000 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 140 | | µg/L | WA |
| 0 | Toxaphene | <1.0 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 6.3E-06 ± 6.0E-07 | | µCi/mL | CN |

## WELL PAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/92
Depth to water: 14.56 ft (4.44 m) below TOC
Water elevation: 274.74 ft (83.74 m) msl
Sp. conductance: 393 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 11:30
pH: 6.8
Alkalinity: 158 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | WA |
| 1 | Specific conductance | 357 | JQ | µS/cm | WA |
| 0 | Turbidity | 9.9 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 59 | | µg/L | WA |

WELL PAC 5 collected on 08/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 35,400 | | µg/L | WA |
| 0 | Chloride | 4,240 | | µg/L | WA |
| 0 | Chromium | 6.3 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 125 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 7,800 | | µg/L | WA |
| 2 | Manganese | 274 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 239 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,800 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 18,800 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 37,500 | | µg/L | WA |
| 0 | Sulfate | 4,260 | | µg/L | WA |
| 0 | Total dissolved solids | 241,000 | | µg/L | WA |
| 0 | Total organic carbon | 2,430 | | µg/L | WA |
| 0 | Total organic carbon | 2,540 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 194 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.53 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 4.0E-09 ± 1.3E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.1E-09 ± 3.7E-10 | | µCi/mL | CN |
| 0 | Tritium | 3.9E-06 ± 5.3E-07 | | µCi/mL | CN |

## WELL PAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/92
Depth to water: 15.06 ft (4.59 m) below TOC
Water elevation: 274.34 ft (83.62 m) msl
Sp. conductance: 277 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 11:05
pH: 6.5
Alkalinity: 92 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.0 | JQ | pH | WA |
| 1 | Specific conductance | 253 | JQ | µS/cm | WA |
| 0 | Turbidity | 18 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 41 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 13,600 | | µg/L | WA |
| 0 | Chloride | 4,260 | | µg/L | WA |
| 0 | Chromium | 4.5 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 2,120 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 4,210 | | µg/L | WA |
| 2 | Manganese | 197 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 129 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 20,700 | | µg/L | WA |
| 0 | Silver | 2.6 | J3 | µg/L | WA |
| 0 | Sodium | 33,200 | | µg/L | WA |
| 0 | Sulfate | 4,610 | | µg/L | WA |
| 0 | Total dissolved solids | 147,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,100 | | µg/L | WA |
| 0 | Total organic halogens | 21 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 201 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.53 | | µg/L | WA |
| 0 | Gross alpha | 4.7E-09 ± 4.5E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.5E-09 ± 6.8E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 2.2E-09 ± 3.1E-10 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 5.0E-06 ± 5.6E-07 | | µCi/mL | CN |
| 0 | Tritium | 5.0E-06 ± 5.5E-07 | | µCi/mL | CN |

# ANALYTICAL RESULTS

## WELL PCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92 — Time: 14:05
Depth to water: 24.75 ft (7.54 m) below TOC — pH: 4.0
Water elevation: 280.75 ft (85.57 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 179 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Fluoride | 150 | | µg/L | GE |
| 2 | Iron | 375 | | µg/L | GE |
| 1 | Lead | 8.1 | | µg/L | GE |
| 2 | Manganese | 420 | | µg/L | GE |
| 0 | Sulfate | 95,100 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 7.0E-10 | | µCi/mL | GE |

## WELL PCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92 — Time: 13:50
Depth to water: 25.21 ft (7.68 m) below TOC — pH: 4.3
Water elevation: 279.69 ft (85.25 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 310 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Fluoride | 1,310 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | GE |
| 1 | Lead | 13 | | µg/L | GE |
| 2 | Manganese | 964 | | µg/L | GE |
| 2 | Manganese | 925 | | µg/L | GE |
| 1 | Sulfate | 221,000 | | µg/L | GE |
| 1 | Total organic halogens | 32 | | µg/L | GE |
| 0 | Gross alpha | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 4.2E-09 ± 1.4E-09 | | µCi/mL | GE |

## WELL PCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92 — Time: 14:45
Depth to water: 23.09 ft (7.04 m) below TOC — pH: 3.7
Water elevation: 281.51 ft (85.81 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 309 µS/cm — Water temperature: 25.6°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Cadmium | 2.9 | | µg/L | GE |
| 0 | Fluoride | 249 | | µg/L | GE |
| 2 | Iron | 319 | | µg/L | GE |
| 2 | Lead | 34 | | µg/L | GE |
| 2 | Manganese | 307 | | µg/L | GE |
| 1 | Sulfate | 240,000 | | µg/L | GE |
| 0 | Total organic halogens | 10 | | µg/L | GE |
| 0 | Gross alpha | 2.9E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 8.0E-10 | | µCi/mL | GE |

## WELL PCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92 — Time: 14:20
Depth to water: 29.66 ft (9.05 m) below TOC — pH: 4.2
Water elevation: 279.92 ft (85.32 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 86 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | 102 | | µg/L | GE |
| 0 | Iron | 20 | | µg/L | GE |
| 1 | Lead | 10 | | µg/L | GE |
| 2 | Manganese | 56 | | µg/L | GE |
| 0 | Sulfate | 50,200 | | µg/L | GE |
| 0 | Sulfate | 46,900 | | µg/L | GE |
| 0 | Total organic halogens | 5.2 | | µg/L | GE |

WELL PCB 4A collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 4.4E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 9.0E-10 | | µCi/mL | GE |

## WELL PDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 15:30
Depth to water: 41.05 ft (12.51 m) below TOC — pH: 5.3
Water elevation: 278.45 ft (84.87 m) msl — Alkalinity: 12 mg/L
Sp. conductance: 113 µS/cm — Water temperature: 24.6°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 1 | Lead | 9.0 | | µg/L | GE |
| 0 | Total organic halogens | 5.6 | | µg/L | GE |
| 0 | Total activity | 3.9E-04 ± 1.9E-05 | | µCi/mL | EM |
| 2 | Tritium | 3.8E-04 ± 2.9E-06 | | µCi/mL | GE |

## WELL PDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 15:00
Inaccessibility or mechanical problem prevented sample collection.

## WELL PRP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92 — Time: 15:35
Depth to water: 35.76 ft (10.90 m) below TOC — pH: 4.6
Water elevation: 248.84 ft (75.85 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Lead | 12 | | µg/L | GE |
| 0 | Manganese | 5.3 | | µg/L | GE |
| 0 | Total organic halogens | 8.3 | | µg/L | GE |
| 0 | Total organic halogens | 8.1 | | µg/L | GE |
| 1 | Tritium | 1.4E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL PRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92 — Time: 16:10
Depth to water: 32.78 ft (9.99 m) below TOC — pH: 5.0
Water elevation: 253.62 ft (77.30 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 5.8 | | µg/L | GE |
| 0 | Manganese | 3.8 | | µg/L | GE |
| 1 | Total organic halogens | 30 | | µg/L | GE |
| 0 | Tritium | 4.1E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL PRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92 — Time: 17:00
Depth to water: 26.05 ft (7.94 m) below TOC — pH: 4.5
Water elevation: 254.65 ft (77.62 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 82 µS/cm — Water temperature: 23.8°C
Water evacuated before sampling: 68 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Lead | 31 | | µg/L | GE |
| 2 | Manganese | 56 | | µg/L | GE |
| 2 | Total organic halogens | 192 | | µg/L | GE |
| 0 | Tritium | 6.9E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL PRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92 — Time: 16:30
Depth to water: 27.52 ft (8.39 m) below TOC — pH: 4.7
Water elevation: 257.18 ft (78.39 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.7 | | µg/L | GE |
| 0 | Total organic halogens | 10 | | µg/L | GE |
| 0 | Tritium | 6.0E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 5.7E-06 ± 6.0E-07 | | µCi/mL | GE |

## WELL PSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 13:45
Depth to water: 52.42 ft (15.98 m) below TOC — pH: 5.6
Water elevation: 276.68 ft (84.33 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 1 | Lead | 12 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,850 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,900 | | µg/L | GE |
| 0 | Total activity | 1.3E-01 ± 8.5E-04 | | µCi/mL | EM |
| 2 | Tritium | 1.4E-01 ± 5.4E-05 | | µCi/mL | GE |

## WELL PSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 13:00
Depth to water: 47.37 ft (14.44 m) below TOC — pH: 4.7
Water elevation: 276.33 ft (84.23 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 106 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | 4.5 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 9,800 | | µg/L | GE |
| 0 | Total activity | 7.2E-02 ± 6.4E-04 | | µCi/mL | EM |
| 2 | Tritium | 7.3E-02 ± 4.0E-05 | | µCi/mL | GE |

## WELL PSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 12:30
Depth to water: 43.45 ft (13.24 m) below TOC — pH: 4.7
Water elevation: 275.15 ft (83.87 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 2 | Lead | 47 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,980 | | µg/L | GE |
| 0 | Total activity | 4.4E-02 ± 3.5E-04 | | µCi/mL | EM |
| 2 | Tritium | 4.0E-02 ± 3.0E-05 | | µCi/mL | GE |
| 2 | Tritium | 4.0E-02 ± 3.0E-05 | | µCi/mL | GE |

## WELL PSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 12:05
Depth to water: 38.27 ft (11.66 m) below TOC — pH: 4.5
Water elevation: 274.23 ft (83.59 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 53 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | 6.7 | | µg/L | GE |
| 2 | Lead | 32 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,450 | | µg/L | GE |
| 2 | Tritium | 2.2E-04 ± 2.3E-06 | | µCi/mL | GE |

## WELL PSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 14:20
Depth to water: 43.59 ft (13.29 m) below TOC — pH: 4.7
Water elevation: 275.71 ft (84.04 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 18 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | 6.0 | | µg/L | GE |
| 2 | Lead | 38 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,500 | | µg/L | GE |
| 2 | Tritium | 4.3E-05 ± 1.1E-06 | | µCi/mL | GE |

## WELL PSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 11:35
Depth to water: 47.03 ft (14.33 m) below TOC — pH: 4.5
Water elevation: 277.17 ft (84.48 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 4.3 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,200 | | µg/L | GE |
| 0 | Total activity | 5.9E-02 ± 4.0E-04 | | µCi/mL | EM |
| 2 | Tritium | 5.7E-02 ± 3.5E-05 | | µCi/mL | GE |

## WELL PSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 14:05
Depth to water: 53.72 ft (16.37 m) below TOC — pH: 5.3
Water elevation: 276.98 ft (84.42 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 1 | Lead | 15 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,700 | | µg/L | GE |
| 0 | Total activity | 7.7E-03 ± 6.6E-05 | | µCi/mL | EM |
| 2 | Tritium | 7.2E-03 ± 1.3E-05 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL PSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92 — Time: 13:15
Depth to water: 25.29 ft (7.71 m) below TOC — pH: 5.1
Water elevation: 194.31 ft (59.23 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 14 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 13 | JQ | µS/cm | WA |
| 0 | Specific conductance | 13 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 3.9 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 4.5 | JV | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Chloride | 1,510 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | 5.2 | JV | µg/L | WA |
| 0 | Di-n-butyl phthalate | 11 | V | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | Diethyl phthalate | 2.9 | J | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Iron | 140 | | µg/L | WA |

WELL PSS 1D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 282 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Sodium | 786 | | µg/L | WA |
| 0 | Total dissolved solids | <1,000 | | µg/L | WA |
| 0 | Total organic halogens | <20 | | µg/L | WA |
| 0 | Total organic halogens | <20 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |

## WELL PSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92 — Time: 12:20
Depth to water: 35.93 ft (10.95 m) below TOC — pH: 4.6
Water elevation: 192.77 ft (58.78 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 15 | | µS/cm | GE |
| 0 | Specific conductance | 15 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 2.2 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 2.8 | JV | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |

WELL PSS 2D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 1,180 | | µg/L | GE |
| 0 | Chloride | 1,410 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | 6.1 | JV | µg/L | WA |
| 0 | Di-n-butyl phthalate | 5.1 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Iron | 7.1 | | µg/L | GE |
| 0 | Iron | 6.8 | J3 | µg/L | WA |

WELL PSS 2D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 430 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 888 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Sodium | 1,100 | V | µg/L | GE |
| 0 | Sodium | 949 | | µg/L | WA |
| 0 | Total dissolved solids | 9,000 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.2E-09 ± 9.0E-10 | | µCi/mL | TE |

## WELL PSS 2D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92
Depth to water: 35.93 ft (10.95 m) below TOC
Water elevation: 192.77 ft (58.76 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 41 gal
Time: 12:20
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Specific conductance | 15 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |

# ANALYTICAL RESULTS

WELL PSS 2D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 2.7 | JV | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | 1,230 | | µg/L | GE |
| 0 | Chloride | 1,350 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-butyl phthalate | 9.6 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Iron | 6.7 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | WA |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |

WELL PSS 2D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 422 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,040 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Sodium | 1,090 | V | µg/L | GE |
| 0 | Sodium | 930 | | µg/L | WA |
| 0 | Total dissolved solids | 10,000 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.3E-09 ± 9.0E-10 | | µCi/mL | TE |

## WELL PSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.
Time: 17:20
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 23.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 8.4 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthene | <11 | JQ6 | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <11 | JQ6 | µg/L | WA |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | Anthracene | <11 | JQ6 | µg/L | WA |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzidine | <55 | JQ6 | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <11 | JQ6 | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <11 | JQ6 | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <11 | JQ6 | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <11 | JQ6 | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <11 | JQ6 | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 2.4 | JV | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | 2.6 | JQV6 | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <11 | JQ6 | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |

WELL PSS 3D collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Butylbenzyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | Cadmium | 0.40 | J3 | µg/L | WA |
| 0 | Chloride | 1,030 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <11 | JQ6 | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <11 | JQ6 | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <11 | JQ6 | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <11 | JQ6 | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | Chrysene | <11 | JQ6 | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenz[a,h]anthracene | <11 | JQ6 | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <11 | JQ6 | µg/L | WA |
| 0 | Di-n-butyl phthalate | 2.1 | JV | µg/L | WA |
| 0 | Di-n-butyl phthalate | 7.2 | JQV6 | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <22 | JQ6 | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <11 | JQ6 | µg/L | WA |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | Diethyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <11 | JQ6 | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <55 | JQ6 | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <55 | JQ6 | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <11 | JQ6 | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <11 | JQ6 | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <11 | JQ6 | µg/L | WA |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluoranthene | <11 | JQ6 | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Fluorene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <11 | JQ6 | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <11 | JQ6 | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <11 | JQ6 | µg/L | WA |
| 0 | Iron | 7.5 | J3 | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Isophorone | <11 | JQ6 | µg/L | WA |
| 2 | Lead | 15 | | µg/L | WA |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Naphthalene | <11 | JQ6 | µg/L | WA |
| 0 | Nitrate as nitrogen | 157 | | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | Nitrobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <11 | JQ6 | µg/L | WA |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |
| 0 | 4-Nitrophenol | <55 | JQ6 | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodimethylamine | <11 | JQ6 | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <11 | JQ6 | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <11 | JQ6 | µg/L | WA |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Pentachlorophenol | <55 | JQ6 | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenanthrene | <11 | JQ6 | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Phenol | <11 | JQ6 | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Pyrene | <11 | JQ6 | µg/L | WA |
| 0 | Sodium | 730 | | µg/L | WA |
| 0 | Total dissolved solids | 48,000 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,2,4-Trichlorobenzene | <11 | JQ6 | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <11 | JQ6 | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |

## WELL RAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92 — Time: 9:50
Depth to water: 8.48 ft (2.58 m) below TOC — pH: 4.6
Water elevation: 275.14 ft (83.86 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 89 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 39 | | µg/L | GE |
| 0 | Barium | 43 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.2 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.22 | | µg/L | WA |
| 0 | Iron | 78 | | µg/L | GE |
| 0 | Iron | 89 | | µg/L | WA |
| 0 | Lead | 3.7 | | µg/L | GE |
| 0 | Lead | 3.5 | | µg/L | GE |
| 0 | Lead | 3.4 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |
| 1 | Manganese | 29 | | µg/L | GE |
| 1 | Manganese | 29 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | 2.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 1 | Gross alpha | 1.4E-08 ± 4.3E-09 | | µCi/mL | TM |
| 1 | Gross alpha | 1.1E-08 ± 3.9E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.9E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.1E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 6.6E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 1.7E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 2.1E-09 ± 9.0E-10 | | µCi/mL | GE |

## WELL RAC 1 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92 — Time: 9:50
Depth to water: 8.48 ft (2.58 m) below TOC — pH: 4.6
Water elevation: 275.14 ft (83.86 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 89 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 44 | | µg/L | GE |
| 0 | Barium | 37 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.3 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Iron | 88 | | µg/L | GE |
| 0 | Iron | 97 | | µg/L | WA |
| 0 | Lead | 4.4 | | µg/L | GE |
| 0 | Lead | 2.2 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.053 | | µg/L | WA |
| 1 | Manganese | 32 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL RAC 1 collected on 08/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Manganese | 28 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.53 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.0 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 2.3E-08 ± 6.5E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.2E-09 ± 1.9E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 6.0E-10 ± 7.2E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 2.0E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 3.4E-09 ± 1.9E-09 | | µCi/mL | TM |
| 0 | Radium-228 | 2.4E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 9.0E-10 | | µCi/mL | GE |

## WELL RAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92
Depth to water: 6.69 ft (2.04 m) below TOC
Water elevation: 273.71 ft (83.43 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 80 gal
Time: 9:25
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 32 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Iron | 54 | | µg/L | GE |
| 1 | Lead | 10 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 1 | Manganese | 35 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL RAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92
Depth to water: 5.52 ft (1.68 m) below TOC
Water elevation: 273.78 ft (83.45 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 83 gal
Time: 10:30
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 47 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Iron | 29 | | µg/L | GE |
| 0 | Lead | 3.3 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 1 | Manganese | 31 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 9.0E-10 | | µCi/mL | GE |

## WELL RAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92
Depth to water: 5.99 ft (1.83 m) below TOC
Water elevation: 273.01 ft (83.21 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 91 gal
Time: 9:05
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 30 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | 17 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 25 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL RCP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92
Depth to water: 102.67 ft (31.29 m) below TOC
Water elevation: 194.23 ft (59.20 m) msl
Water evacuated before sampling: 1 gal
Inaccessibility or mechanical problem prevented sample collection.
Time: 10:30

## WELL RCP 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92
Depth to water: 14.33 ft (4.37 m) below TOC
Water elevation: 282.47 ft (86.10 m) msl
Sp. conductance: 148 µS/cm
Water evacuated before sampling: 56 gal
Time: 11:00
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 120 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.3 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,160 | | µg/L | GE |
| 0 | Chloride | 6,000 | | µg/L | GE |
| 0 | Chloride | 5,700 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 37 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,680 | | µg/L | GE |
| 2 | Manganese | 62 | | µg/L | GE |
| 0 | Mercury | 0.43 | | µg/L | GE |
| 0 | Nickel | 4.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 3,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,580 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 24,900 | | µg/L | GE |
| 0 | Sulfate | 32,800 | | µg/L | GE |
| 0 | Sulfate | 32,400 | | µg/L | GE |
| 0 | Total dissolved solids | 85,000 | | µg/L | GE |
| 0 | Total dissolved solids | 82,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 10 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 7.5 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |

WELL RCP 1D collected on 09/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total activity | 5.6E-06 ± 1.4E-06 | | µCi/mL | EM |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 2.2E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RDB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92
Depth to water: 6.20 ft (1.89 m) below TOC
Water elevation: 286.20 ft (87.23 m) msl
Sp. conductance: 153 µS/cm
Water evacuated before sampling: 18 gal
The well went dry during purging.

Time: 14:00
pH: 6.2
Alkalinity: 58 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | Specific conductance | 141 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 27 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 21,400 | | µg/L | GE |
| 0 | Chloride | 840 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 1 | Iron | 184 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,780 | | µg/L | GE |
| 0 | Manganese | 24 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | 2,660 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 6,990 | | µg/L | GE |
| 0 | Sulfate | 7,130 | | µg/L | GE |
| 0 | Total dissolved solids | 98,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 90 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.4E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.9E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RDB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92
Depth to water: 7.13 ft (2.17 m) below TOC
Water elevation: 285.47 ft (87.01 m) msl
Sp. conductance: 267 µS/cm
Water evacuated before sampling: 65 gal

Time: 12:20
pH: 6.3
Alkalinity: 93 mg/L
Water temperature: 23.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | Specific conductance | 220 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 34 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 42,700 | | µg/L | GE |
| 0 | Chloride | 1,380 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 4,910 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 3,740 | | µg/L | GE |
| 2 | Manganese | 98 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | 2,110 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,730 | | µg/L | GE |
| 0 | Sulfate | 11,000 | | µg/L | GE |
| 0 | Sulfate | 11,000 | | µg/L | GE |
| 0 | Total dissolved solids | 124,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,500 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 6.0E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Strontium-90 | 4.2E-09 ± 1.4E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.9E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RDB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92
Depth to water: 8.44 ft (2.57 m) below TOC
Water elevation: 284.26 ft (86.64 m) msl
Sp. conductance: 133 µS/cm
Water evacuated before sampling: 48 gal

Time: 13:00
pH: 5.8
Alkalinity: 27 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 115 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13,200 | J2 | µg/L | GE |
| 0 | Calcium | 13,200 | J2 | µg/L | GE |
| 0 | Chloride | 1,270 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 44 | | µg/L | GE |
| 0 | Iron | 43 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL RDB 3D collected on 09/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Magnesium | 1,420 | | µg/L | GE |
| 0 | Magnesium | 1,420 | | µg/L | GE |
| 1 | Manganese | 34 | | µg/L | GE |
| 1 | Manganese | 34 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,680 | | µg/L | GE |
| 0 | Potassium | 2,280 | | µg/L | GE |
| 0 | Potassium | 2,250 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 7,340 | | µg/L | GE |
| 0 | Sodium | 7,340 | | µg/L | GE |
| 0 | Sulfate | 8,980 | | µg/L | GE |
| 0 | Total dissolved solids | 95,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 75 | | µg/L | GE |
| 0 | Zinc | 76 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.7E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92
Depth to water: 16.83 ft (5.13 m) below TOC
Water elevation: 267.57 ft (81.56 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 66 gal

Time: 10:50
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Iron | 379 | | µg/L | GE |
| 0 | Lead | 6.3 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

## WELL RRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92
Depth to water: 17.97 ft (5.48 m) below TOC
Water elevation: 266.53 ft (81.24 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 63 gal

Time: 11:05
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 25 | | µg/L | GE |
| 0 | Lead | 3.4 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | 8.4 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

## WELL RRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92
Depth to water: 13.80 ft (4.21 m) below TOC
Water elevation: 266.30 ft (81.17 m) msl
Sp. conductance: 12 µS/cm
Water evacuated before sampling: 74 gal

Time: 11:50
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | 65 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

## WELL RRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92
Depth to water: 14.87 ft (4.53 m) below TOC
Water elevation: 265.33 ft (80.87 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 71 gal
Time: 11:25
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 2 | Iron | 1,290 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |

## WELL RSA 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92
Depth to water: 18.40 ft (5.61 m) below TOC
Water elevation: 286.30 ft (80.31 m) msl
Sp. conductance: 28 µS/cm
No water was evacuated before sampling.
Time: 9:50
pH: 6.5
Water temperature: 25.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 2 | Cadmium | 34 | | µg/L | GE |
| 0 | Calcium | 378 | | µg/L | GE |
| 0 | Chloride | 2,060 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 100 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 545 | | µg/L | GE |
| 0 | Manganese | 4.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 11 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 740 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 969 | | µg/L | GE |
| 0 | Sulfate | 1,810 | | µg/L | GE |
| 0 | Total dissolved solids | 24,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 118 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |

WELL RSA 7 collected on 09/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.4E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.8E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 2 | Potassium-40 | 1.0E-08 ± 3.0E-08 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.1E-07 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSA 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92
Depth to water: 20.40 ft (6.22 m) below TOC
Water elevation: 283.90 ft (89.58 m) msl
Sp. conductance: 25 µS/cm
No water was evacuated before sampling.
Time: 10:10
pH: 6.6
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 22 | | µg/L | GE |
| 2 | Cadmium | 43 | | µg/L | GE |
| 0 | Calcium | 1,160 | | µg/L | GE |
| 0 | Chloride | 1,530 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 31 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 411 | | µg/L | GE |
| 0 | Manganese | 5.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 11 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 410 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,450 | | µg/L | GE |
| 0 | Sulfate | 2,540 | | µg/L | GE |
| 0 | Total dissolved solids | 20,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 144 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.4E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.2E-07 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSA 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92 Time: 10:50
Depth to water: 24.40 ft (7.44 m) below TOC pH: 6.3
Water elevation: 287.70 ft (87.69 m) msl
Sp. conductance: 28 µS/cm Water temperature: 22.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 21 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 19 | | µg/L | GE |
| 2 | Cadmium | 80 | | µg/L | GE |
| 0 | Calcium | 2,080 | | µg/L | GE |
| 0 | Chloride | 1,220 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 1 | Iron | 199 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 375 | | µg/L | GE |
| 0 | Manganese | 24 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 18 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 908 | | µg/L | GE |
| 0 | Sulfate | 3,910 | | µg/L | GE |
| 0 | Total dissolved solids | 18,000 | | µg/L | GE |
| 2 | Total organic carbon | 10,800 | | µg/L | GE |
| 0 | Total phosphates (as P) | 110 | | µg/L | GE |
| 0 | Zinc | 380 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.3E-07 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSA 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92 Time: 10:30
Depth to water: 27.50 ft (8.38 m) below TOC pH: 6.0
Water elevation: 287.90 ft (87.75 m) msl
Sp. conductance: 34 µS/cm Water temperature: 23.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 2 | Cadmium | 13 | | µg/L | GE |
| 0 | Calcium | 397 | | µg/L | GE |
| 0 | Chloride | 1,910 | | µg/L | GE |
| 0 | Chloride | 1,840 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 405 | J2 | µg/L | GE |
| 0 | Lead | 3.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 885 | | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | 0.27 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,950 | | µg/L | GE |

WELL RSA 10 collected on 09/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | 558 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,500 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 30,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Zinc | 107 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.1E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 5.5E-09 ± 1.8E-09 | | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 6.1E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.8E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92 Time: 9:30
Depth to water: 20.00 ft (6.10 m) below TOC pH: 6.5
Water elevation: 288.10 ft (87.81 m) msl
Sp. conductance: 33 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.1 | | µg/L | GE |
| 2 | Cadmium | 15 | | µg/L | GE |
| 0 | Calcium | 108 | | µg/L | GE |
| 0 | Chloride | 1,670 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 149 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 509 | | µg/L | GE |
| 0 | Manganese | 5.8 | | µg/L | GE |
| 0 | Mercury | 0.52 | | µg/L | GE |
| 0 | Nickel | 4.6 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,090 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,360 | | µg/L | GE |
| 0 | Sulfate | 1,030 | | µg/L | GE |
| 0 | Total dissolved solids | 129,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 7.3 | | µg/L | GE |
| 0 | Total phosphates (as P) | 150 | | µg/L | GE |
| 0 | Zinc | 892 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.5E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |

WELL RSB 7 collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.8E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.6E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 10:15
Depth to water: 15.00 ft (4.57 m) below TOC pH: 5.5
Water elevation: 290.80 ft (88.64 m) msl
Sp. conductance: 40 µS/cm Water temperature: 21.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 4.5E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.5E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 10:10
Depth to water: 12.00 ft (3.66 m) below TOC pH: 5.6
Water elevation: 293.60 ft (89.49 m) msl
Sp. conductance: 98 µS/cm Water temperature: 20.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.3E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 Time: 13:45
Depth to water: 21.20 ft (6.46 m) below TOC pH: 5.9
Water elevation: 281.40 ft (85.77 m) msl
Sp. conductance: 48 µS/cm Water temperature: 19.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 5.6E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.2E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 14:05
Depth to water: 21.60 ft (6.58 m) below TOC pH: 5.5
Water elevation: 281.00 ft (85.65 m) msl
Sp. conductance: 54 µS/cm Water temperature: 21.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 5.8E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.0E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.5E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 Time: 11:00
Depth to water: 14.80 ft (4.51 m) below TOC pH: 6.0
Water elevation: 286.50 ft (87.33 m) msl
Sp. conductance: 26 µS/cm Water temperature: 19.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 3.9E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.9E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.8E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.9E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 Time: 10:45
Depth to water: 28.60 ft (8.72 m) below TOC pH: 6.0
Water elevation: 276.50 ft (84.26 m) msl
Sp. conductance: 2450 µS/cm Water temperature: 20.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.1E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.6E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 13:55
Depth to water: 12.00 ft (3.66 m) below TOC pH: 5.4
Water elevation: 291.90 ft (88.97 m) msl
Sp. conductance: 48 µS/cm Water temperature: 23.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.1E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL RSC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 13:50
Depth to water: 21.00 ft (6.40 m) below TOC pH: 5.4
Water elevation: 288.00 ft (87.78 m) msl
Sp. conductance: 36 µS/cm Water temperature: 22.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 4.8E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.8E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.7E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 13:45
Depth to water: 10.00 ft (3.05 m) below TOC pH: 5.2
Water elevation: 300.30 ft (91.53 m) msl
Sp. conductance: 35 µS/cm Water temperature: 26.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.6E-07 ± 5.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL RSC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 — Time: 13:30
Depth to water: 28.00 ft (8.53 m) below TOC — pH: 6.2
Water elevation: 275.20 ft (83.86 m) msl
Sp. conductance: 45 µS/cm — Water temperature: 18.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 8.9E-09 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.1E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSC 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 — Time: 12:30
Depth to water: 22.50 ft (6.86 m) below TOC — pH: 5.9
Water elevation: 273.90 ft (83.49 m) msl
Sp. conductance: 42 µS/cm — Water temperature: 21.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 1.4E-08 ± 3.1E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.2E-08 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 10:45
Depth to water: 13.80 ft (4.21 m) below TOC — pH: 5.2
Water elevation: 287.20 ft (87.54 m) msl
Sp. conductance: 32 µS/cm — Water temperature: 22.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.4 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 27 | | µg/L | GE |
| 1 | Cadmium | 4.1 | | µg/L | GE |
| 0 | Calcium | 1,910 | | µg/L | GE |
| 0 | Chloride | 2,520 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 491 | | µg/L | GE |
| 0 | Lead | 6.8 | | µg/L | GE |
| 0 | Magnesium | 1,100 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,760 | | µg/L | GE |
| 0 | Potassium | 601 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,160 | | µg/L | GE |
| 0 | Sulfate | 2,420 | | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | Zinc | 175 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 8.7E-09 ± 2.5E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 1 | Nonvolatile beta | 3.9E-08 ± 3.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |

WELL RSD 1 collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 2 | Strontium-90 | 1.7E-08 ± 1.6E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.7E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSD 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 11:00
Depth to water: 12.00 ft (3.66 m) below TOC — pH: 5.9
Water elevation: 289.20 ft (88.15 m) msl
Sp. conductance: 30 µS/cm — Water temperature: 24.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 4.4E-09 ± 2.7E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 2.3E-07 ± 8.1E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.7E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSD 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 11:05
Depth to water: 14.40 ft (4.39 m) below TOC — pH: 5.5
Water elevation: 289.20 ft (88.15 m) msl
Sp. conductance: 22 µS/cm — Water temperature: 24.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 1.3E-08 ± 3.9E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 3.0E-07 ± 9.3E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSD 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 11:10
Depth to water: 12.60 ft (3.84 m) below TOC — pH: 5.2
Water elevation: 289.10 ft (88.12 m) msl
Sp. conductance: 60 µS/cm — Water temperature: 25.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Gross alpha | 2.6E-08 ± 9.9E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 4.2E-08 ± 3.4E-08 | | µCi/mL | GE |
| 0 | Tritium | 1.9E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 13:25
Depth to water: 11.00 ft (3.35 m) below TOC — pH: 5.3
Water elevation: 289.90 ft (88.38 m) msl
Sp. conductance: 38 µS/cm — Water temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 38 | | µS/cm | GE |
| 0 | Specific conductance | 38 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 2 | Cadmium | 18 | | µg/L | GE |
| 0 | Calcium | 3,810 | | µg/L | GE |
| 0 | Chloride | 920 | | µg/L | GE |
| 0 | Chloride | 920 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 552 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,190 | | µg/L | GE |

WELL RSD 3 collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | 4.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 300 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 957 | | µg/L | GE |
| 0 | Sulfate | 5,090 | | µg/L | GE |
| 0 | Sulfate | 5,140 | | µg/L | GE |
| 0 | Total dissolved solids | 25,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 27,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 64 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.6E-07 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 13:00
Depth to water: 12.00 ft (3.66 m) below TOC — pH: 5.9
Water elevation: 289.60 ft (88.27 m) msl
Sp. conductance: 27 µS/cm — Water temperature: 28.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 1.3E-08 ± 3.4E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 1.6E-07 ± 6.7E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.9E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSD 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 13:05
Depth to water: 14.20 ft (4.33 m) below TOC — pH: 5.5
Water elevation: 287.50 ft (87.63 m) msl
Sp. conductance: 26 µS/cm — Water temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 4.6E-09 ± 3.0E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 3.0E-07 ± 9.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.4E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSD 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 13:10
Depth to water: 15.20 ft (4.63 m) below TOC — pH: 5.3
Water elevation: 286.90 ft (87.45 m) msl
Sp. conductance: 42 µS/cm — Water temperature: 23.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 1.1E-08 ± 3.4E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 2.0E-07 ± 7.5E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.3E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSD 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 13:15
Depth to water: 8.00 ft (2.44 m) below TOC — pH: 5.4
Water elevation: 285.40 ft (86.99 m) msl
Sp. conductance: 24 µS/cm — Water temperature: 24.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 4.4E-09 ± 2.4E-09 | | µCi/m.. | :E |
| 2 | Nonvolatile beta | 1.5E-07 ± 6.5E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.2E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSD 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 13:20
Depth to water: 7.00 ft (2.13 m) below TOC — pH: 5.5
Water elevation: 286.00 ft (87.17 m) msl
Sp. conductance: 26 µS/cm — Water temperature: 24.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Gross alpha | 1.6E-08 ± 5.0E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 7.5E-07 ± 1.5E-08 | | µCi/mL | GE |
| 0 | Tritium | 2.6E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSD 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 — Time: 13:15
Depth to water: 8.90 ft (2.71 m) below TOC — pH: 5.8
Water elevation: 283.70 ft (86.47 m) msl
Sp. conductance: 30 µS/cm — Water temperature: 23.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSD 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 — Time: 13:00
Depth to water: 8.80 ft (2.68 m) below TOC — pH: 5.4
Water elevation: 283.70 ft (86.47 m) msl
Sp. conductance: 26 µS/cm — Water temperature: 23.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 6.7E-09 ± 2.5E-09 | | µCi/mL | GE |
| 1 | Nonvolatile beta | 3.4E-08 ± 3.3E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSD 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 — Time: 12:45
Depth to water: 8.80 ft (2.68 m) below TOC — pH: 5.8
Water elevation: 283.50 ft (86.41 m) msl
Sp. conductance: 53 µS/cm — Water temperature: 23.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.7E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.7E-06 ± 5.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL RSE 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92 — Time: 10:30
Depth to water: 10.40 ft (3.17 m) below TOC — pH: 5.2
Water elevation: 294.00 ft (89.61 m) msl
Sp. conductance: 40 µS/cm — Water temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 41 | | µg/L | GE |
| 2 | Cadmium | 11 | | µg/L | GE |
| 0 | Calcium | 2,050 | | µg/L | GE |
| 0 | Chloride | 2,360 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 64 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 1 | Iron | 192 | | µg/L | GE |
| 0 | Lead | 3.6 | | µg/L | GE |
| 0 | Magnesium | 960 | | µg/L | GE |
| 1 | Manganese | 31 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 10 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 250 | | µg/L | GE |
| 0 | Potassium | 773 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,480 | | µg/L | GE |
| 0 | Sulfate | 4,530 | | µg/L | GE |
| 0 | Total dissolved solids | 23,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,370 | | µg/L | GE |
| 0 | Total phosphates (as P) | 110 | | µg/L | GE |
| 0 | Total phosphates (as P) | 130 | | µg/L | GE |
| 0 | Zinc | 112 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.1E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 1.3E-08 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSE 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92 — Time: 10:50
Depth to water: 9.90 ft (3.02 m) below TOC — pH: 4.7
Water elevation: 293.80 ft (89.55 m) msl
Sp. conductance: 28 µS/cm — Water temperature: 26.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.6 | | µg/L | GE |
| 2 | Cadmium | 33 | | µg/L | GE |
| 0 | Calcium | 402 | | µg/L | GE |
| 0 | Chloride | 1,480 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 84 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 224 | | µg/L | GE |
| 0 | Manganese | 8.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 35 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 390 | | µg/L | GE |
| 0 | Potassium | 912 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |

WELL RSE 1B collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium | 907 | | µg/L | GE |
| 0 | Sulfate | 2,780 | | µg/L | GE |
| 0 | Total dissolved solids | 15,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,020 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 479 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.9E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 7.7E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Strontium-90 | 5.7E-09 ± 1.3E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSE 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92 — Time: 11:10
Depth to water: 9.80 ft (2.99 m) below TOC — pH: 5.2
Water elevation: 293.80 ft (89.55 m) msl
Sp. conductance: 25 µS/cm — Water temperature: 26.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 28 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 2 | Cadmium | 79 | | µg/L | GE |
| 0 | Calcium | 2,010 | | µg/L | GE |
| 0 | Chloride | 1,550 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 142 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 875 | | µg/L | GE |
| 0 | Manganese | 5.5 | | µg/L | GE |
| 0 | Mercury | 0.21 | | µg/L | GE |
| 0 | Nickel | 5.1 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 100 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,160 | | µg/L | GE |
| 0 | Sulfate | 3,500 | | µg/L | GE |
| 0 | Total dissolved solids | 23,000 | V | µg/L | GE |
| 1 | Total organic carbon | 5,050 | | µg/L | GE |
| 0 | Total phosphates (as P) | 60 | | µg/L | GE |
| 0 | Zinc | 163 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | 2.1E-09 ± 1.1E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.6E-07 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |

WELL RSE 1C collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSE 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 13:30
Depth to water: 10.60 ft (3.23 m) below TOC pH: 5.3
Water elevation: 292.20 ft (89.06 m) msl
Sp. conductance: 33 µS/cm Water temperature: 28.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 29 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 23 | | µg/L | GE |
| 2 | Cadmium | 72 | | µg/L | GE |
| 0 | Calcium | 1,110 | | µg/L | GE |
| 0 | Chloride | 1,600 | | µg/L | GE |
| 0 | Chloride | 1,640 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 41 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,020 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 8.8 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,940 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,940 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,380 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 30,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,090 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | Zinc | 178 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.1E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.2E-07 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSE 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 10:50
Depth to water: 14.60 ft (4.45 m) below TOC pH: 5.3
Water elevation: 286.40 ft (87.30 m) msl
Sp. conductance: 47 µS/cm Water temperature: 22.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 48 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 24 | | µg/L | GE |
| 2 | Cadmium | 6.6 | | µg/L | GE |
| 0 | Calcium | 3,600 | | µg/L | GE |
| 0 | Chloride | 2,080 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |

WELL RSE 3A collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Iron | 955 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,140 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,180 | | µg/L | GE |
| 0 | Potassium | 1,620 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,230 | | µg/L | GE |
| 0 | Sulfate | 5,220 | | µg/L | GE |
| 0 | Total dissolved solids | 38,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,170 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 87 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 1.4E-08 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 2 | Strontium-90 | 1.1E-08 ± 7.0E-10 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.3E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSE 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 10:20
Depth to water: 15.20 ft (4.63 m) below TOC pH: 6.4
Water elevation: 289.40 ft (88.21 m) msl
Sp. conductance: 40 µS/cm Water temperature: 23.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Gross alpha | 1.5E-08 ± 5.1E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 1.6E-08 ± 5.3E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 1.2E-08 ± 1.7E-08 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 1.3E-08 ± 1.7E-08 | | µCi/mL | GE |
| 0 | Tritium | 3.4E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSE 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 10:30
Depth to water: 13.80 ft (4.21 m) below TOC pH: 5.2
Water elevation: 292.10 ft (89.03 m) msl
Sp. conductance: 23 µS/cm Water temperature: 25.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Gross alpha | 1.6E-08 ± 4.7E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 6.4E-07 ± 1.3E-08 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 5.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL RSE 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 10:35
Depth to water: 14.60 ft (4.51 m) below TOC pH: 5.9
Water elevation: 289.90 ft (88.36 m) msl
Sp. conductance: 37 µS/cm Water temperature: 24.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Gross alpha | 9.3E-09 ± 3.3E-09 | | µCi/mL | GE |
| 1 | Gross alpha | 1.1E-08 ± 3.5E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 3.7E-07 ± 9.3E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 3.8E-07 ± 9.5E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.1E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSE 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 0
The well was dry.

## WELL RSE 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 0
The well was dry.

## WELL RSE 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92 Time: 11:20
Depth to water: 18.50 ft (5.64 m) below TOC pH: 5.2
Water elevation: 284.50 ft (86.72 m) msl
Sp. conductance: 59 µS/cm Water temperature: 26.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 56 | | µg/L | GE |
| 2 | Cadmium | 6.5 | | µg/L | GE |
| 0 | Calcium | 4,610 | | µg/L | GE |
| 0 | Chloride | 3,400 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 1 | Iron | 218 | | µg/L | GE |
| 0 | Lead | 4.2 | | µg/L | GE |
| 0 | Magnesium | 1,370 | | µg/L | GE |
| 2 | Manganese | 848 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.2 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,340 | | µg/L | GE |
| 0 | Potassium | 1,300 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,790 | | µg/L | GE |
| 0 | Sulfate | 4,350 | | µg/L | GE |
| 0 | Total dissolved solids | 48,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 48,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,670 | | µg/L | GE |
| 0 | Total phosphates (as P) | 70 | | µg/L | GE |
| 0 | Zinc | 463 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.4E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 1.2E-08 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |

WELL RSE 7 collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.3E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSE 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92 Time: 13:40
Depth to water: 11.40 ft (3.47 m) below TOC pH: 4.7
Water elevation: 290.70 ft (88.61 m) msl
Sp. conductance: 80 µS/cm Water temperature: 27.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 65 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 89 | | µg/L | GE |
| 2 | Cadmium | 96 | | µg/L | GE |
| 0 | Calcium | 2,930 | | µg/L | GE |
| 0 | Chloride | 4,070 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 114 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,980 | | µg/L | GE |
| 2 | Manganese | 228 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 27 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,100 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,100 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,300 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 69,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 419 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 3.5E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.2E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92 Time: 14:10
Depth to water: 23.80 ft (7.25 m) below TOC pH: 4.7
Water elevation: 284.00 ft (86.56 m) msl
Sp. conductance: 42 µS/cm Water temperature: 27.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.8 | JQ | pH | GE |
| 0 | Specific conductance | 31 | | µS/cm | GE |
| 0 | Specific conductance | 31 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.1 | | µg/L | GE |
| 2 | Cadmium | 8.2 | | µg/L | GE |
| 0 | Calcium | 136 | | µg/L | GE |
| 0 | Chloride | 3,170 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |

WELL RSE 9 collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Copper | 5.6 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 128 | | µg/L | GE |
| 0 | Lead | 6.2 | | µg/L | GE |
| 0 | Magnesium | 388 | | µg/L | GE |
| 0 | Manganese | 15 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 14 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,660 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,770 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 41,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 255 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 5.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 2.2E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSE 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92 Time: 13:10
Depth to water: 20.50 ft (6.25 m) below TOC pH: 4.8
Water elevation: 287.30 ft (87.57 m) msl
Sp. conductance: 48 µS/cm Water temperature: 26.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 24 | | µg/L | GE |
| 2 | Cadmium | 13 | | µg/L | GE |
| 0 | Calcium | 1,150 | | µg/L | GE |
| 0 | Chloride | 2,640 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | 6.2 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 67 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 383 | | µg/L | GE |
| 1 | Manganese | 38 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 35 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,520 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,810 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 35,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,850 | | µg/L | GE |
| 2 | Total organic halogens | 52 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 495 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |

WELL RSE 10 collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.6E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 1.2E-08 ± 2.2E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 7.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 1.7E-06 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSE 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 14:10
Depth to water: 14.60 ft (4.45 m) below TOC pH: 5.1
Water elevation: 289.20 ft (88.15 m) msl
Sp. conductance: 57 µS/cm Water temperature: 22.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Gross alpha | 2.7E-08 ± 6.7E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 1.4E-08 ± 2.0E-08 | | µCi/mL | GE |
| 0 | Tritium | 1.9E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSE 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 0
The well was dry.

## WELL RSE 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 10:40
Depth to water: 10.20 ft (3.11 m) below TOC pH: 6.2
Water elevation: 291.00 ft (88.70 m) msl
Sp. conductance: 34 µS/cm Water temperature: 24.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 4.6E-09 ± 2.5E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 1.5E-07 ± 6.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.9E-07 ± 5.0E-07 | | µCi/mL | GE |

# ANALYTICAL RESULTS

## WELL RSE 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 14:20
Depth to water: 23.60 ft (7.19 m) below TOC pH: 5.4
Water elevation: 283.50 ft (86.41 m) msl
Sp. conductance: 86 µS/cm Water temperature: 23.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 7.1E-09 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL RSE 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 14:15
Depth to water: 18.60 ft (5.67 m) below TOC pH: 5.1
Water elevation: 288.20 ft (87.23 m) msl
Sp. conductance: 57 µS/cm Water temperature: 21.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 5.8E-09 ± 2.8E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 2.0E-07 ± 7.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.6E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL RSE 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92 Time: 14:35
Depth to water: 11.45 ft (3.49 m) below TOC pH: 5.1
Water elevation: 282.65 ft (86.15 m) msl Alkalinity: 1 mg/L
Sp. conductance: 31 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 41 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,080 | | µg/L | GE |
| 0 | Chloride | 990 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 16 | J2 | µg/L | GE |
| 0 | Lead | 3.8 | | µg/L | GE |
| 0 | Magnesium | 416 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,800 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,970 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 15,000 | | µg/L | GE |
| 0 | Total dissolved solids | 19,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 6.9 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |

WELL RSE 24 collected on 09/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.0E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 2.5E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSE 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92 Time: 13:30
Depth to water: 16.83 ft (5.13 m) below TOC pH: 5.4
Water elevation: 277.07 ft (84.45 m) msl Alkalinity: 18 mg/L
Sp. conductance: 100 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 27 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 91 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 36 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 6,630 | | µg/L | GE |
| 0 | Chloride | 4,540 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 24 | J2 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,120 | | µg/L | GE |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,250 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 8,010 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 60,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,010 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | 7.8 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 Time: 15:00
Depth to water: 22.72 ft (6.93 m) below TOC pH: 9.1
Water elevation: 280.38 ft (85.48 m) msl Alkalinity: 34 mg/L
Sp. conductance: 81 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 135 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | pH | 9.8 | JQ | pH | GE |
| 0 | Specific conductance | 90 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.3 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 12,000 | | µg/L | GE |
| 0 | Chloride | 1,060 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | 101 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 221 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 920 | | µg/L | GE |
| 0 | Potassium | 506 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,900 | | µg/L | GE |
| 0 | Sulfate | 1,720 | | µg/L | GE |
| 0 | Total dissolved solids | 56,000 | V | µg/L | GE |
| 2 | Total organic carbon | 36,100 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.5E-05 ± 9.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 Time: 15:50
Depth to water: 21.43 ft (6.53 m) below TOC pH: 4.7
Water elevation: 281.37 ft (85.76 m) msl Alkalinity: 0 mg/L
Sp. conductance: 45 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.5 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,040 | | µg/L | GE |
| 0 | Chloride | 1,740 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 7.4 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 734 | | µg/L | GE |
| 0 | Manganese | 3.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |

WELL RSF 2 collected on 09/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 2,900 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,170 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.0E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.7E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RSF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92 Time: 14:10
Depth to water: 24.22 ft (7.38 m) below TOC pH: 5.4
Water elevation: 282.88 ft (86.22 m) msl Alkalinity: 7 mg/L
Sp. conductance: 34 µS/cm Water temperature: 22.2°C
Water evacuated before sampling: 139 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.5 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,120 | | µg/L | GE |
| 0 | Chloride | 1,820 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 82 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 145 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 240 | | µg/L | GE |
| 0 | Potassium | 748 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,930 | | µg/L | GE |
| 0 | Sulfate | 2,760 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 370 | | µg/L | GE |
| 0 | Zinc | 4.2 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |

WELL RSF 3 collected on 09/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.3E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 114 µS/cm
The well was continuously pumping.
Time: 9:25
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1,500 | | µg/L | GE |
| 0 | Chloroform | <1,500 | | µg/L | GE |
| 2 | Tetrachloroethylene | 23,400 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1,500 | | µg/L | GE |
| 2 | Trichloroethylene | 48,600 | | µg/L | GE |

## WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 111 µS/cm
The well was continuously pumping.
Time: 16:00
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1,500 | | µg/L | GE |
| 0 | Chloroform | <1,500 | | µg/L | GE |
| 2 | Tetrachloroethylene | 19,200 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1,500 | | µg/L | GE |
| 2 | Trichloroethylene | 42,500 | | µg/L | GE |

## WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 108 µS/cm
The well was continuously pumping.
Time: 12:15
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1,000 | | µg/L | GE |
| 0 | Chloroform | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 18,200 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1,000 | | µg/L | GE |
| 2 | Trichloroethylene | 39,900 | | µg/L | GE |

## WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 62 µS/cm
The well was continuously pumping.
Time: 15:55
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1,000 | | µg/L | GE |
| 0 | Chloroform | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 13,800 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1,000 | | µg/L | GE |
| 2 | Trichloroethylene | 30,600 | | µg/L | GE |

## WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 62 µS/cm
The well was continuously pumping.
Time: 15:00
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1,000 | | µg/L | GE |
| 0 | Chloroform | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 12,900 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1,000 | | µg/L | GE |
| 2 | Trichloroethylene | 28,700 | | µg/L | GE |

## WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 59 µS/cm
The well was continuously pumping.
Time: 14:05
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 23.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1,000 | | µg/L | GE |
| 0 | Chloroform | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 12,300 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1,000 | | µg/L | GE |
| 2 | Trichloroethylene | 21,300 | | µg/L | GE |

## WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 170.78 ft (52.05 m) below TOC
Water elevation: 206.24 ft (62.86 m) msl
Sp. conductance: 61 µS/cm
The well was continuously pumping.
Time: 15:50
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <500 | | µg/L | GE |
| 0 | Chloroform | <500 | | µg/L | GE |
| 2 | Tetrachloroethylene | 4,150 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <500 | | µg/L | GE |
| 2 | Trichloroethylene | 16,800 | | µg/L | GE |

## WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 169.95 ft (51.80 m) below TOC
Water elevation: 207.05 ft (63.11 m) msl
Sp. conductance: 60 µS/cm
The well was continuously pumping.
Time: 14:45
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1,000 | | µg/L | GE |
| 0 | Chloroform | <1,000 | | µg/L | GE |
| 2 | Tetrachloroethylene | 3,200 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1,000 | | µg/L | GE |
| 2 | Trichloroethylene | 13,100 | | µg/L | GE |

## WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92
Depth to water: 170.45 ft (51.95 m) below TOC
Water elevation: 208.55 ft (62.96 m) msl
Sp. conductance: 58 µS/cm
The well was continuously pumping.
Time: 13:55
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <500 | | µg/L | GE |
| 0 | Chloroform | <500 | | µg/L | GE |
| 2 | Tetrachloroethylene | 3,650 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <500 | | µg/L | GE |
| 2 | Trichloroethylene | 14,000 | | µg/L | GE |

## WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 157.65 ft (48.05 m) below TOC
Water elevation: 208.85 ft (63.66 m) msl
Sp. conductance: 25 µS/cm
The well was continuously pumping.
Time: 11:05
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <200 | | µg/L | GE |
| 0 | Chloroform | <200 | | µg/L | GE |
| 2 | Tetrachloroethylene | 1,040 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | | µg/L | GE |
| 2 | Trichloroethylene | 6,760 | | µg/L | GE |

## WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 157.45 ft (47.99 m) below TOC
Water elevation: 209.05 ft (63.72 m) msl
Sp. conductance: 23 µS/cm
The well was continuously pumping.
Time: 16:10
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <500 | | µg/L | GE |
| 0 | Chloroform | <500 | | µg/L | GE |
| 2 | Tetrachloroethylene | 985 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <500 | | µg/L | GE |
| 2 | Trichloroethylene | 8,490 | | µg/L | GE |

## WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92
Depth to water: 157.85 ft (48.11 m) below TOC
Water elevation: 208.65 ft (63.60 m) msl
Sp. conductance: 23 µS/cm
The well was continuously pumping.
Time: 12:25
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <250 | | µg/L | GE |
| 0 | Chloroform | <250 | | µg/L | GE |
| 2 | Tetrachloroethylene | 4,330 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <250 | | µg/L | GE |
| 2 | Trichloroethylene | 10,400 | | µg/L | GE |

## WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 155.13 ft (47.28 m) below TOC
Water elevation: 211.77 ft (64.55 m) msl
Sp. conductance: 31 µS/cm
The well was continuously pumping.
Time: 16:05
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 2 | Tetrachloroethylene | 365 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 530 | | µg/L | GE |

WELL RWM 5 collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total activity | 2.4E-06 ± 1.2E-06 | | µCi/mL | EM |

## WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 155.23 ft (47.31 m) below TOC
Water elevation: 211.67 ft (64.52 m) msl
Sp. conductance: 30 µS/cm
The well was continuously pumping.
Time: 15:05
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 2 | Tetrachloroethylene | 1,170 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 1,600 | | µg/L | GE |
| 0 | Total activity | 3.9E-06 ± 1.2E-06 | | µCi/mL | EM |

## WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92
Depth to water: 155.23 ft (47.31 m) below TOC
Water elevation: 211.67 ft (64.52 m) msl
Sp. conductance: 27 µS/cm
The well was continuously pumping.
Time: 14:15
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <100 | | µg/L | GE |
| 0 | Chloroform | <100 | | µg/L | GE |
| 2 | Tetrachloroethylene | 885 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <100 | | µg/L | GE |
| 2 | Trichloroethylene | 1,530 | | µg/L | GE |
| 0 | Total activity | 3.1E-06 ± 1.3E-06 | | µCi/mL | EM |

## WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 178.92 ft (54.54 m) below TOC
Water elevation: 170.18 ft (51.87 m) msl
Sp. conductance: 33 µS/cm
The well was continuously pumping.
Time: 16:50
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <200 | | µg/L | GE |
| 0 | Chloroform | <200 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7,840 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | | µg/L | GE |
| 2 | Trichloroethylene | 8,040 | | µg/L | GE |

## WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 173.48 ft (52.88 m) below TOC
Water elevation: 175.62 ft (53.53 m) msl
Sp. conductance: 33 µS/cm
The well was continuously pumping.
Time: 15:45
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <500 | | µg/L | GE |
| 0 | Chloroform | <500 | | µg/L | GE |
| 2 | Tetrachloroethylene | 8,400 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <500 | | µg/L | GE |
| 2 | Trichloroethylene | 8,900 | | µg/L | GE |

# ANALYTICAL RESULTS

## WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92 — Time: 12:50
Depth to water: 174.99 ft (53.34 m) below TOC — pH: 4.8
Water elevation: 174.11 ft (53.07 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 23.4°C
The well was continuously pumping.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <500 | | µg/L | GE |
| 0 | Chloroform | <500 | | µg/L | GE |
| 2 | Tetrachloroethylene | 2,070 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <500 | | µg/L | GE |
| 2 | Trichloroethylene | 2,920 | | µg/L | GE |

## WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92 — Time: 16:40
Depth to water: 153.42 ft (46.76 m) below TOC — pH: 4.5
Water elevation: 195.58 ft (59.61 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 82 µS/cm — Water temperature: 21.9°C
The well was continuously pumping.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <200 | | µg/L | GE |
| 0 | Chloroform | <200 | | µg/L | GE |
| 2 | Tetrachloroethylene | 6,700 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | | µg/L | GE |
| 2 | Trichloroethylene | 6,720 | | µg/L | GE |
| 0 | Total activity | 1.8E-06 ± 1.2E-06 | | µCi/mL | EM |

## WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 — Time: 15:40
Depth to water: 151.91 ft (46.30 m) below TOC — pH: 4.6
Water elevation: 197.09 ft (60.07 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 81 µS/cm — Water temperature: 23.0°C
The well was continuously pumping.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <200 | JQ6 | µg/L | GE |
| 0 | Chloroform | <200 | JQ6 | µg/L | GE |
| 2 | Tetrachloroethylene | 6,820 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 7,220 | JQ6 | µg/L | GE |
| 0 | Total activity | 1.8E-06 ± 1.2E-06 | | µCi/mL | EM |

## WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92 — Time: 13:00
Depth to water: 153.42 ft (46.76 m) below TOC — pH: 4.6
Water elevation: 195.58 ft (59.61 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 79 µS/cm — Water temperature: 22.0°C
The well was continuously pumping.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <200 | | µg/L | GE |
| 0 | Chloroform | <200 | | µg/L | GE |
| 2 | Tetrachloroethylene | 6,580 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | | µg/L | GE |
| 2 | Trichloroethylene | 6,580 | | µg/L | GE |
| 0 | Total activity | 1.5E-06 ± 1.2E-06 | | µCi/mL | EM |

## WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92 — Time: 11:15
Depth to water: 145.15 ft (44.24 m) below TOC — pH: 4.9
Water elevation: 203.15 ft (61.92 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 122 µS/cm — Water temperature: 21.4°C
The well was continuously pumping.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <20 | | µg/L | GE |
| 0 | Chloroform | <20 | | µg/L | GE |
| 2 | Tetrachloroethylene | 482 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <20 | | µg/L | GE |
| 2 | Trichloroethylene | 816 | | µg/L | GE |

## WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 — Time: 16:20
Depth to water: 145.76 ft (44.43 m) below TOC — pH: 4.9
Water elevation: 202.54 ft (61.73 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 121 µS/cm — Water temperature: 21.7°C
The well was continuously pumping.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <25 | | µg/L | GE |
| 0 | Chloroform | <25 | | µg/L | GE |
| 2 | Tetrachloroethylene | 478 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <25 | | µg/L | GE |
| 2 | Trichloroethylene | 810 | | µg/L | GE |

## WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92 — Time: 12:05
Depth to water: 144.35 ft (44.00 m) below TOC — pH: 4.8
Water elevation: 203.95 ft (62.16 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 117 µS/cm — Water temperature: 22.1°C
The well was continuously pumping.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 2 | Tetrachloroethylene | 602 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 1,310 | | µg/L | GE |

## WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92 — Time: 16:30
Depth to water: 155.53 ft (47.41 m) below TOC — pH: 5.0
Water elevation: 225.07 ft (68.60 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 21.9°C
The well was continuously pumping.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7.5 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 144 | | µg/L | GE |
| 0 | Total activity | 2.3E-06 ± 1.2E-06 | | µCi/mL | EM |

## WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 — Time: 15:30
Depth to water: 157.35 ft (47.96 m) below TOC — pH: 5.0
Water elevation: 223.25 ft (68.05 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 47 µS/cm — Water temperature: 22.6°C
The well was continuously pumping.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <10 | JQ6 | µg/L | GE |
| 0 | Chloroform | <10 | JQ6 | µg/L | GE |
| 2 | Tetrachloroethylene | 34 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <10 | JQ6 | µg/L | GE |

WELL RWM 9 collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Trichloroethylene | 177 | JQ6 | µg/L | GE |
| 0 | Total activity | 2.2E-06 ± 1.2E-06 | | µCi/mL | EM |

## WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92
Depth to water: 156.34 ft (47.65 m) below TOC
Water elevation: 224.26 ft (68.36 m) msl
Sp. conductance: 47 µS/cm
The well was continuously pumping.
Time: 13:10
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 23.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <10 | | µg/L | GE |
| 0 | Chloroform | <10 | | µg/L | GE |
| 0 | Tetrachloroethylene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <10 | | µg/L | GE |
| 2 | Trichloroethylene | 163 | | µg/L | GE |
| 0 | Total activity | 9.6E-07 ± 1.2E-06 | | µCi/mL | EM |

## WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 169.14 ft (51.55 m) below TOC
Water elevation: 166.36 ft (56.80 m) msl
Sp. conductance: 88 µS/cm
The well was continuously pumping.
Time: 10:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <150 | | µg/L | GE |
| 0 | Chloroform | <150 | | µg/L | GE |
| 2 | Tetrachloroethylene | 7,560 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <150 | | µg/L | GE |
| 2 | Trichloroethylene | 4,770 | | µg/L | GE |
| 0 | Total activity | 1.4E-06 ± 1.2E-06 | | µCi/mL | EM |

## WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 166.62 ft (50.79 m) below TOC
Water elevation: 168.88 ft (57.57 m) msl
Sp. conductance: 89 µS/cm
The well was continuously pumping.
Time: 15:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <200 | JQ6 | µg/L | GE |
| 0 | Chloroform | <200 | JQ6 | µg/L | GE |
| 2 | Tetrachloroethylene | 6,180 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | JQ6 | µg/L | GE |
| 2 | Trichloroethylene | 4,160 | JQ6 | µg/L | GE |
| 0 | Total activity | 1.7E-07 ± 1.2E-06 | | µCi/mL | EM |

## WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92
Depth to water: 166.74 ft (51.43 m) below TOC
Water elevation: 166.76 ft (56.93 m) msl
Sp. conductance: 88 µS/cm
The well was continuously pumping.
Time: 12:40
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 23.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <200 | | µg/L | GE |
| 0 | Chloroform | <200 | | µg/L | GE |
| 2 | Tetrachloroethylene | 6,460 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | | µg/L | GE |
| 2 | Trichloroethylene | 4,180 | | µg/L | GE |
| 0 | Total activity | 5.9E-07 ± 1.2E-06 | | µCi/mL | EM |

## WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 167.33 ft (51.00 m) below TOC
Water elevation: 215.97 ft (65.83 m) msl
Sp. conductance: 35 µS/cm
The well was continuously pumping.
Time: 16:15
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <150 | | µg/L | GE |
| 0 | Chloroform | <150 | | µg/L | GE |
| 2 | Tetrachloroethylene | 390 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <150 | | µg/L | GE |
| 2 | Trichloroethylene | 4,260 | | µg/L | GE |

## WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 169.65 ft (51.71 m) below TOC
Water elevation: 213.65 ft (65.12 m) msl
Sp. conductance: 34 µS/cm
The well was continuously pumping.
Time: 15:20
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <200 | | µg/L | GE |
| 0 | Chloroform | <200 | | µg/L | GE |
| 2 | Tetrachloroethylene | 260 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | | µg/L | GE |
| 2 | Trichloroethylene | 3,590 | | µg/L | GE |

## WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92
Depth to water: 171.96 ft (52.41 m) below TOC
Water elevation: 211.34 ft (64.42 m) msl
Sp. conductance: 34 µS/cm
The well was continuously pumping.
Time: 13:20
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <200 | | µg/L | GE |
| 0 | Chloroform | <200 | | µg/L | GE |
| 2 | Tetrachloroethylene | 359 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | | µg/L | GE |
| 2 | Trichloroethylene | 3,750 | | µg/L | GE |

## WELL RWM 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 149.90 ft (45.69 m) below TOC
Water elevation: 209.50 ft (63.86 m) msl
Sp. conductance: 46 µS/cm
The well was continuously pumping.
Time: 15:35
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <50 | | µg/L | GE |
| 0 | Chloroform | <50 | | µg/L | GE |
| 0 | Tetrachloroethylene | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <50 | | µg/L | GE |
| 2 | Trichloroethylene | 2,510 | | µg/L | GE |

## WELL RWM 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92
Depth to water: 150.19 ft (45.78 m) below TOC
Water elevation: 209.21 ft (63.77 m) msl
Sp. conductance: 42 µS/cm
The well was continuously pumping.
Time: 14:30
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <100 | | µg/L | GE |
| 0 | Chloroform | <100 | | µg/L | GE |
| 0 | Tetrachloroethylene | <100 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <100 | | µg/L | GE |
| 2 | Trichloroethylene | 2,320 | | µg/L | GE |

# ANALYTICAL RESULTS

## WELL RWM 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/92 — Time: 13:40
Depth to water: 150.13 ft (45.76 m) below TOC — pH: 4.6
Water elevation: 209.27 ft (63.79 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 21.5°C
The well was continuously pumping.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <100 | | µg/L | GE |
| 0 | Chloroform | <100 | | µg/L | GE |
| 0 | Tetrachloroethylene | <100 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <100 | | µg/L | GE |
| 2 | Trichloroethylene | 2,740 | | µg/L | GE |

## WELL RWM 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 — Time: 12:05
Depth to water: 118.18 ft (36.02 m) below TOC — pH: 5.5
Water elevation: 201.24 ft (61.34 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 328 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <200 | | µg/L | GE |
| 2 | Chloroform | 260 | | µg/L | GE |
| 0 | Tetrachloroethylene | <200 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <200 | | µg/L | GE |
| 2 | Trichloroethylene | 980 | | µg/L | GE |
| 0 | Total activity | 5.0E-07 ± 1.2E-08 | | µCi/mL | EM |

## WELL SBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 — Time: 12:40
Depth to water: 23.55 ft (7.18 m) below TOC — pH: 4.5
Water elevation: 238.84 ft (72.80 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 126 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Total organic halogens | 12 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 3.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL SBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 — Time: 11:55
Depth to water: 51.13 ft (15.58 m) below TOC — pH: 4.8
Water elevation: 238.87 ft (72.81 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 9 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 87 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 6.0 | | µg/L | GE |
| 0 | Lead | 5.8 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 2.0E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL SBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 — Time: 11:35
Depth to water: 47.74 ft (14.55 m) below TOC — pH: 4.6
Water elevation: 238.86 ft (72.81 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Total organic halogens | 9.0 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 3.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.3E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL SBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 — Time: 14:25
Depth to water: 30.95 ft (9.43 m) below TOC — pH: 4.5
Water elevation: 242.15 ft (73.81 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 3.5 | | µg/L | GE |
| 1 | Total organic halogens | 41 | | µg/L | GE |
| 1 | Total organic halogens | 40 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 4.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 4.2E-05 ± 1.1E-06 | | µCi/mL | GE |

## WELL SBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 — Time: 13:55
Depth to water: 33.74 ft (10.28 m) below TOC — pH: 5.7
Water elevation: 250.76 ft (76.43 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 135 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Total organic halogens | 13 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 4.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 4.7E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 4.1E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL SBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 — Time: 13:05
Depth to water: 35.78 ft (10.91 m) below TOC — pH: 4.7
Water elevation: 245.92 ft (74.96 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 99 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Lead | 9.9 | | µg/L | GE |
| 0 | Total organic halogens | 12 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 3.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL SCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
Depth to water: 45.54 ft (13.88 m) below TOC
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 90 gal
Time: 12:05
pH: 6.0
Alkalinity: 6 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 8.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.5E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL SCA 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
The well was dry.
Time: 11:05

## WELL SCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
Depth to water: 45.37 ft (13.83 m) below TOC
Water elevation: 243.53 ft (74.23 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 115 gal
Time: 11:45
pH: 6.0
Alkalinity: 8 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 6.8 | | µg/L | GE |
| 0 | Manganese | 5.9 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 9.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.7E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL SCA 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
The well was dry.
Time: 11:00

## WELL SCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
Depth to water: 45.18 ft (13.77 m) below TOC
Water elevation: 242.12 ft (73.80 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 18 gal
The well went dry during purging.
Time: 13:20
pH: 5.4
Alkalinity: 6 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Iron | 283 | | µg/L | GE |
| 1 | Manganese | 37 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 1.1E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.4E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL SCA 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
Depth to water: 16.91 ft (5.15 m) below TOC
Water elevation: 270.39 ft (82.42 m) msl
Sp. conductance: 603 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.
Time: 13:30
pH: 6.6
Alkalinity: 129 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 2 | Manganese | 258 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 1.2E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.7E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL SCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
Depth to water: 48.63 ft (14.88 m) below TOC
Water elevation: 237.37 ft (72.35 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 14:20
pH: 5.7
Alkalinity: 8 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 5.0 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 1 | Total alpha-emitting radium | 3.5E-09 ± 1.3E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.8E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL SCA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
Depth to water: 19.55 ft (5.96 m) below TOC
Water elevation: 266.55 ft (81.25 m) msl
Sp. conductance: 211 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.
Time: 14:05
pH: 6.1
Alkalinity: 50 mg/L
Water temperature: 23.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 1 | Total alpha-emitting radium | 4.5E-09 ± 1.5E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.5E-05 ± 7.0E-07 | | µCi/mL | GE |

## WELL SCA 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
Depth to water: 46.41 ft (14.15 m) below TOC
Water elevation: 241.69 ft (73.67 m) msl
Sp. conductance: 112 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 12:55
pH: 6.3
Alkalinity: 42 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 53 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Manganese | 12 | | µg/L | GE |
| 0 | Manganese | 11 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 8.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.9E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL SCA 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
Depth to water: 43.27 ft (13.19 m) below TOC
Water elevation: 242.53 ft (73.92 m) msl
Sp. conductance: 126 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.
Time: 14:45
pH: 8.7
Alkalinity: 42 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Iron | 21 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 2.1E-09 ± 1.1E-09 | | µCi/mL | GE |
| 2 | Tritium | 3.5E-05 ± 4.0E-07 | | µCi/mL | GE |

## WELL SLP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/92
Depth to water: 37.93 ft (11.56 m) below TOC
Water elevation: 248.87 ft (75.25 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 12:25
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.0°C

# ANALYTICAL RESULTS

## WELL SLP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 — Time: 11:10
Depth to water: 37.58 ft (11.45 m) below TOC — pH: 5.9
Water elevation: 246.22 ft (75.05 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 75 gal

## WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 — Time: 13:20
Depth to water: 102.37 ft (31.20 m) below TOC
Water elevation: 212.83 ft (64.87 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 — Time: 16:15
Depth to water: 105.81 ft (32.19 m) below TOC — pH: 4.4
Water elevation: 214.99 ft (65.53 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 58 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.8 | JQ | pH | GE |
| 0 | Specific conductance | 55 | | µS/cm | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | 2.1 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 16 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 27 | | µg/L | GE |
| 0 | Copper | 27 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 6.5 | | µg/L | GE |
| 0 | Iron | 6.6 | | µg/L | GE |
| 0 | Lead | 5.5 | | µg/L | GE |
| 0 | Lead | 5.7 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |

WELL SRW 2 collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | 8.6 | | µg/L | GE |
| 0 | Manganese | 8.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 2.0 | | µg/L | GE |
| 0 | Tin | 2.9 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 14 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 2.5 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 7.3 | | µg/L | GE |
| 0 | Zinc | 7.2 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.0E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.2E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 3.5E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 — Time: 16:30
Depth to water: 113.75 ft (34.67 m) below TOC — pH: 4.8
Water elevation: 206.85 ft (63.05 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 310 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |

WELL SRW 2A collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 64 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 6.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 5.2 | | µg/L | GE |
| 0 | Lead | 5.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 2.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 14 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92
Depth to water: 112.66 ft (34.34 m) below TOC
Water elevation: 207.94 ft (63.36 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 145 gal

Time: 16:00
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |

WELL SRW 2B collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.2 | | µg/L | GE |
| 0 | Barium | 5.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 10.0 | | µg/L | GE |
| 0 | Copper | 10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 5.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 8.3 | | µg/L | GE |
| 0 | Iron | 8.4 | | µg/L | GE |
| 1 | Lead | 7.6 | | µg/L | GE |
| 0 | Lead | 7.3 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 6.6 | | µg/L | GE |
| 0 | Manganese | 6.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |

WELL SRW 2B collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc | 6.9 | | µg/L | GE |
| 0 | Zinc | 7.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.0E-09 ± 1.9E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92
Depth to water: 118.77 ft (36.20 m) below TOC
Water elevation: 213.33 ft (65.02 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 132 gal

Time: 15:25
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 7.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 5.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |

WELL SRW 3A collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.3 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.0E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92
Depth to water: 107.03 ft (32.62 m) below TOC
Water elevation: 213.07 ft (64.94 m) msl
Sp. conductance: 91 µS/cm
Water evacuated before sampling: 34 gal

Time: 11:40
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | pH | 4.9 | JQ | pH | WA |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 0 | Specific conductance | 81 | JQ | µS/cm | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 25 | | µg/L | GE |
| 0 | Barium | 26 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | 0.22 | J3 | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | 12 | | µg/L | GE |
| 0 | Chloroform | 9.4 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |

WELL SRW 4 collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | 1.6 | J3 | µg/L | WA |
| 0 | Copper | 62 | | µg/L | GE |
| 0 | Copper | 70 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p' DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | Dichloromethane | 9.2 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | WA |
| 1 | Lead | 14 | | µg/L | GE |
| 1 | Lead | 15 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.55 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.55 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.55 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.55 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.55 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | 2.3 | J2 | µg/L | GE |
| 0 | Selenium | 3.5 | J3 | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 1,970 | | µg/L | WA |
| 0 | Total organic halogens | 9.8 | | µg/L | GE |
| 0 | Total organic halogens | 5.7 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |

WELL SRW 4 collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | 4.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | 0.16 ± 2.0E-02 | | µg/L | TM |
| 0 | Uranium | 0.15 ± 2.0E-02 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 23 | | µg/L | GE |
| 0 | Zinc | 39 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | 4.1E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.9E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | 3.5E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.6E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.0E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 4.6E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | 1.7E-09 ± 2.2E-10 | | µCi/mL | GP |
| 0 | Radium-226 | 2.0E-09 ± 2.5E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 2.0E-09 ± 8.2E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <9.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.9E-08 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 2.2E-08 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL SRW 4 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 — Time: 11:40
Depth to water: 107.03 ft (32.62 m) below TOC — pH: 4.7
Water elevation: 213.07 ft (64.94 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 91 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | pH | 5.0 | JQ | pH | WA |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 0 | Specific conductance | 80 | JQ | µS/cm | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 25 | | µg/L | GE |
| 0 | Barium | 25 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | 0.20 | J3 | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL SRW 4 collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | 13 | | µg/L | GE |
| 0 | Chloroform | 9.7 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 84 | | µg/L | GE |
| 0 | Copper | 80 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.9 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 39 | | µg/L | WA |
| 1 | Lead | 14 | | µg/L | GE |
| 2 | Lead | 17 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 3.2 | J3 | µg/L | WA |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.55 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.55 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.55 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.55 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.55 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | 3.1 | J2 | µg/L | GE |
| 0 | Selenium | 3.8 | J3 | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |

WELL SRW 4 collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | 3.4 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 911 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | 0.19 ± 2.0E-02 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 24 | | µg/L | GE |
| 0 | Zinc | 49 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | 3.6E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 3.8E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.1E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | 1.3E-09 ± 2.9E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 1.7E-09 ± 3.2E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 1.5E-09 ± 5.3E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.8E-09 ± 7.2E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.7E-08 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 Time: 12:40
Depth to water: 98.11 ft (29.90 m) below TOC pH: 5.2
Water elevation: 211.29 ft (64.40 m) msl Alkalinity: 1 mg/L
Sp. conductance: 53 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

WELL SRW 5 collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | 14 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 2 | Carbon tetrachloride | 5.8 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 22 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 480 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 4.6 | | µg/L | GE |
| 2 | Lead | 28 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 8.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 8.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.080 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.8 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 86 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 1.6E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92
Depth to water: 95.62 ft (29.15 m) below TOC
Water elevation: 212.08 ft (64.64 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 51 gal

Time: 13:05
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 45 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 81 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.7 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 1 | Lead | 11 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 6.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.080 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 3.9 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 14 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |

WELL SRW 6 collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 4.0E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 2.3E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: 88.27 ft (26.91 m) below TOC
Water elevation: 210.83 ft (64.26 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 35 gal
Time: 9:05
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 22 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | JQ | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 2 | Carbon tetrachloride | 9.8 | | µg/L | GE |
| 0 | Chlordane | <0.50 | JQ | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 8.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 174 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | JQ | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | JQ | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 5.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | JQ | µg/L | GE |
| 0 | Endosulfan I | <0.10 | JQ | µg/L | GE |
| 0 | Endosulfan II | <0.10 | JQ | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | JQ | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | JQ | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | JQ | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | JQ | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |

WELL SRW 7 collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Lead | 25 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ | µg/L | GE |
| 0 | Manganese | 2.9 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | JQ | µg/L | GE |
| 0 | Parathion methyl | <0.050 | JQ | µg/L | GE |
| 0 | PCB 1016 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1221 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1232 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1242 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1248 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1254 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1260 | <0.50 | JQ | µg/L | GE |
| 0 | Phorate | <0.10 | JQ | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 2.9 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.5 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 4.8 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 86 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 1.7E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: 79.43 ft (24.21 m) below TOC
Water elevation: 208.67 ft (63.60 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 34 gal
Time: 13:20
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.8 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 2 | Carbon tetrachloride | 6.9 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 13 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |

WELL SRW 8 collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 51 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 1 | Lead | 9.9 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 2.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 2.4 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 9.2 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 5.6 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 28 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-06 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |

WELL SRW 8 collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 1.0E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92 Time: 15:45
Depth to water: 53.45 ft (16.29 m) below TOC pH: 5.0
Water elevation: 199.95 ft (60.95 m) msl Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 3.2 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 16 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 5.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 4.3 | | µg/L | GE |
| 0 | Lead | 5.1 | | µg/L | GE |
| 0 | Lead | 5.2 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 2.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL SRW 9 collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.5 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 5.1 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 7.9E-07 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92 Time: 15:20
Depth to water: 54.07 ft (16.48 m) below TOC pH: 4.6
Water elevation: 199.23 ft (60.73 m) msl Alkalinity: 0 mg/L
Sp. conductance: 21 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 223 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |

WELL SRW 9A collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 28 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 6.2 | J2 | µg/L | GE |
| 0 | Dichloromethane | 6.3 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 4.7 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 2.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 9.4 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |

WELL SRW 9A collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 2.3E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: 52.96 ft (16.14 m) below TOC
Water elevation: 200.44 ft (61.09 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 126 gal
Time: 15:00
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 18 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 8.5 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.4 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 4.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 4.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |

WELL SRW 9B collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 33 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 6.1E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.9E-09 ± 3.1E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 36 gal
Time: 8:00
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | JQ | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.9 | | µg/L | GE |
| 0 | Barium | 3.9 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | 1.6 | | µg/L | GE |
| 0 | Chlordane | <0.50 | JQ | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 1.1 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL SRW 10 collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 32 | | µg/L | GE |
| 0 | Copper | 33 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | JQ | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | JQ | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.3 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | JQ | µg/L | GE |
| 0 | Endosulfan I | <0.10 | JQ | µg/L | GE |
| 0 | Endosulfan II | <0.10 | JQ | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | JQ | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | JQ | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | JQ | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | JQ | µg/L | GE |
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | GE |
| 0 | Lead | 5.8 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ | µg/L | GE |
| 0 | Manganese | 2.5 | | µg/L | GE |
| 0 | Manganese | 2.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | JQ | µg/L | GE |
| 0 | Parathion methyl | <0.050 | JQ | µg/L | GE |
| 0 | PCB 1016 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1221 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1232 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1242 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1248 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1254 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1260 | <0.50 | JQ | µg/L | GE |
| 0 | Phorate | <0.10 | JQ | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | 5.8 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 28 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 7.0 | | µg/L | GE |
| 0 | Zinc | 7.1 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 1.3E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92 Time: 8:30
Depth to water: 85.31 ft (26.00 m) below TOC pH: 4.9
Water elevation: 210.49 ft (64.16 m) msl Alkalinity: 0 mg/L
Sp. conductance: 21 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | JQ | µg/L | GE |
| 0 | Aldrin | <0.050 | JQ | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | JQ | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 2 | Carbon tetrachloride | 7.2 | | µg/L | GE |
| 0 | Chlordane | <0.50 | JQ | µg/L | GE |
| 0 | Chlordane | <0.50 | JQ | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 3.6 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 71 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | JQ | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | JQ | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | JQ | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | JQ | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | JQ | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 7.3 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | JQ | µg/L | GE |
| 0 | Dieldrin | <0.50 | JQ | µg/L | GE |
| 0 | Endosulfan I | <0.10 | JQ | µg/L | GE |
| 0 | Endosulfan I | <0.10 | JQ | µg/L | GE |
| 0 | Endosulfan II | <0.10 | JQ | µg/L | GE |
| 0 | Endosulfan II | <0.10 | JQ | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | JQ | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | JQ | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ | µg/L | GE |
| 0 | Endrin | <0.0060 | JQ | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | JQ | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | JQ | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | JQ | µg/L | GE |
| 0 | Heptachlor | <0.050 | JQ | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | JQ | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | JQ | µg/L | GE |
| 0 | Iron | 6.9 | | µg/L | GE |
| 1 | Lead | 8.9 | | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ | µg/L | GE |
| 0 | Lindane | <0.0050 | JQ | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ | µg/L | GE |
| 0 | Methoxychlor | <0.50 | JQ | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | JQ | µg/L | GE |
| 0 | Parathion | <0.050 | JQ | µg/L | GE |
| 0 | Parathion methyl | <0.050 | JQ | µg/L | GE |
| 0 | Parathion methyl | <0.050 | JQ | µg/L | GE |
| 0 | PCB 1016 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1016 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1221 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1221 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1232 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1232 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1242 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1242 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1248 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1248 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1254 | <0.50 | JQ | µg/L | GE |

WELL SRW 11 collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1254 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1260 | <0.50 | JQ | µg/L | GE |
| 0 | PCB 1260 | <0.50 | JQ | µg/L | GE |
| 0 | Phorate | <0.10 | JQ | µg/L | GE |
| 0 | Phorate | <0.10 | JQ | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 1 | Tetrachloroethylene | 2.5 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 13 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ | µg/L | GE |
| 0 | Toxaphene | <0.24 | JQ | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 2.9 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 8.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.0E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.2E-09 ± 2.5E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 1.4E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: 41.82 ft (12.75 m) below TOC
Water elevation: 194.48 ft (59.28 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 238 gal

Time: 14:05
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.9 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 25 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |

WELL SRW 12A collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 5.7 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 3.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 5.8 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: 48.75 ft (14.25 m) below TOC
Water elevation: 189.55 ft (57.78 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 113 gal

Time: 13:50
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 15 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL SRW 12B collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 2.8 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 7.2 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.9 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 30 | | µg/L | GE |
| 0 | Lead | 6.4 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 2.4 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 38 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 1.2E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92 Time: 14:20
Depth to water: 39.70 ft (12.10 m) below TOC pH: 5.0
Water elevation: 198.80 ft (59.92 m) msl Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm Water temperature: 22.2°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 15 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.4 | | µg/L | GE |
| 0 | Barium | 4.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 1.9 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 50 | | µg/L | GE |
| 0 | Copper | 50 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | GE |
| 1 | Lead | 7.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 4.9 | | µg/L | GE |
| 0 | Manganese | 5.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 26 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |

WELL SRW 12C collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 140 | | µg/L | GE |
| 0 | Zinc | 140 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.1E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 1.1E-08 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: 98.06 ft (29.28 m) below TOC
Water elevation: 201.64 ft (61.46 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 283 gal
Time: 10:15
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Specific conductance | 18 | JQ | µS/cm | WA |
| 0 | Specific conductance | 18 | JQ | µS/cm | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.0 | | µg/L | GE |
| 0 | Barium | 5.3 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 1 | Beryllium | 0.55 | J3 | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 3.7 | J3 | µg/L | WA |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | 3.8 | J3 | µg/L | WA |
| 0 | Copper | 25 | | µg/L | GE |
| 0 | Copper | 24 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |

WELL SRW 13A collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 8.5 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 13 | | µg/L | WA |
| 0 | Lead | 3.7 | | µg/L | GE |
| 0 | Lead | 3.5 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Manganese | 3.3 | | µg/L | GE |
| 0 | Manganese | 5.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 4.4 | J3 | µg/L | WA |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.55 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.55 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.55 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.55 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.55 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 911 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.52 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | 0.11 ± 1.0E-02 | | µg/L | TM |
| 0 | Uranium | 0.11 ± 1.0E-02 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | 6.0 | | µg/L | WA |
| 0 | Zinc | 6.5 | | µg/L | GE |
| 0 | Zinc | 9.6 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |

WELL SRW 13A collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-141 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <9.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | <9.0E-10 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.6E-09 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL SRW 13A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: 98.06 ft (29.28 m) below TOC
Water elevation: 201.64 ft (61.46 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 283 gal

Time: 10:15
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Specific conductance | 20 | JQ | µS/cm | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.1 | | µg/L | GE |
| 0 | Barium | 5.6 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |

WELL SRW 13A collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 28 | | µg/L | GE |
| 0 | Copper | 23 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 6.1 | J2 | µg/L | GE |
| 0 | Dichloromethane | 8.0 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | WA |
| 0 | Lead | 4.7 | | µg/L | GE |
| 0 | Lead | 3.4 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Manganese | 3.6 | | µg/L | GE |
| 0 | Manganese | 2.9 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.55 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.55 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.55 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.55 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.55 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.1 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.1 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | WA |

WELL SRW 13A collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 911 | | µg/L | WA |
| 0 | Total organic halogens | 6.1 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 7.7 | | µg/L | GE |
| 0 | Zinc | 281 | | µg/L | WA |
| 0 | Zinc | 6.8 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.0E-09 ± 5.0E-10 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <1.4E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.8E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | 1.1E-09 ± 2.6E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: 84.07 ft (26.67 m) below TOC
Water elevation: 203.83 ft (62.07 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 132 gal

Time: 9:50
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 10 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 84 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 5.8 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 1 | Lead | 12 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 7.3 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 15 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |

WELL SRW 13B collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.9E-09 ± 3.2E-10 | | µCi/mL | GP |
| 0 | Radium-226 | 1.6E-09 ± 2.7E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 1.6E-08 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: 88.12 ft (26.86 m) below TOC
Water elevation: 209.58 ft (63.88 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 36 gal
Time: 9:25
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Specific conductance | 25 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 1.5 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 150 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 55 | | µg/L | GE |
| 2 | Lead | 20 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |

WELL SRW 13C collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 136 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: 123.42 ft (37.62 m) below TOC
Water elevation: 203.58 ft (62.05 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 235 gal
Time: 11:35
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 21 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 4.9 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 38 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |

WELL QA 116C collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | WA |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | WA |
| 0 | PCB 1016 | <150 | | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <50 | | µg/L | WA |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | WA |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | WA |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | WA |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Total dissolved solids | 15,000 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Toxaphene | <10 | | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | WA |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.4E-09 ± 1.0E-09 | | µCi/mL | TE |

# BLANK RESULTS

## WELL QA 116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm

Time: 8:50
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 24.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Specific conductance | 4.2 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Aldrin | <10 | | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 5.0 | JV | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Chlordane | <10 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | p,p'-DDD | <10 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |

WELL QA 116C collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Di-n-butyl phthalate | 8.7 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | Dieldrin | <10 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | 1,2-Diphenylhydrazine | <10 | | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Heptachlor | <10 | | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 5.2 | J3 | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <10 | | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 78 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 782 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |

# BLANK RESULTS

## WELL QA 116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 8:50
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 24.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Specific conductance | 4.2 | JQ | µS/cm | WA |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | WA |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | WA |
| 0 | Aldrin | <10 | | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <50 | | µg/L | WA |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | WA |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | WA |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | WA |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | WA |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | WA |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | 5.0 | JV | µg/L | WA |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Chlordane | <10 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | WA |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | WA |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | WA |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | WA |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | WA |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | WA |
| 0 | p,p'-DDD | <10 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | WA |
| 0 | Dibenzofuran | <10 | | µg/L | WA |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |

WELL QA 116C collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Di-n-butyl phthalate | 8.7 | JV | µg/L | WA |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | WA |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <20 | | µg/L | WA |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | WA |
| 0 | Dieldrin | <10 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | WA |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | WA |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | WA |
| 0 | 4,6-Dinitro-ortho-cresol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <50 | | µg/L | WA |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | WA |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | WA |
| 0 | 1,2-Diphenylhydrazine | <10 | | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | WA |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | WA |
| 0 | Heptachlor | <10 | | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | WA |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | WA |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | WA |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | WA |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 5.2 | J3 | µg/L | WA |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <10 | | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 79 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 782 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | WA |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | WA |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <50 | | µg/L | WA |

# BLANK RESULTS

WELL QA 110C collected on 08/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | <100 | V | µg/L | GE |
| 0 | Silica | 210 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 6,000 | JQV6 | µg/L | GE |
| 0 | Total dissolved solids | 88,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 23 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <20 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | 1.5 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.2 | J | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL QA 112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92 Time: 6:45
Depth to water: Not available pH: 4.6
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm Water temperature: 24.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 4.0 | | µS/cm | GE |
| 0 | Specific conductance | 5.5 | JQ | µS/cm | WA |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | 34 | J3 | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |

WELL QA 112C collected on 08/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.7 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 7.6 | | µg/L | GE |
| 0 | Iron | 2.7 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | 4.1 | J3 | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 29 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 624 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | 256 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 25,400 | | µg/L | GE |
| 0 | Silica | 19,000 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |

## WELL QA 108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 Time: 7:15
Depth to water: Not available pH: 5.0
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 3 µS/cm Water temperature: 24.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 5.4 | JQ | pH | WA |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Specific conductance | 3.2 | JQ | µS/cm | WA |
| 0 | Turbidity | <0.10 | JQ | NTU | GE |
| 0 | Turbidity | <0.10 | JQ | NTU | GE |
| 0 | Turbidity | 3.3 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.65 | J3 | µg/L | WA |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <14 | | µg/L | WA |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | WA |
| C | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 5.4 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <8.9 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 111 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 117 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 29,600 | | µg/L | GE |
| 0 | Silica | 27,100 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | Total dissolved solids | 37,000 | | µg/L | GE |
| 0 | Total dissolved solids | 27,000 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 12 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 244 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.57 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 3.0E-09 ± 1.0E-09 | | µCi/mL | TE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL QA 110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/92 Time: 6:50
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 25.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | pH | 6.8 | JQ | pH | WA |
| 0 | pH | 6.8 | JQ | pH | WA |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Specific conductance | <1.0 | JQ | µS/cm | WA |
| 0 | Specific conductance | <1.0 | JQ | µS/cm | WA |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Turbidity | <0.20 | JQ | NTU | WA |
| 0 | Turbidity | <0.20 | JQ | NTU | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 2 | Cadmium | 7.6 | | µg/L | WA |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | 30 | J3 | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 5.3 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | 16 | J3 | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 122 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <500 | | µg/L | GE |

WELL QA 104C collected on 09/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tritium | <7.0E-07 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL QA 106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/92 Time: 7:45
Depth to water: Not available pH: 4.5
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 24.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 4.7 | JQ | pH | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 13 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.2 | 1R | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | JQ6 | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.12 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |

WELL QA 106C collected on 09/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 4.0 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.059 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 2.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.59 | | µg/L | WA |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.59 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.59 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.59 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.59 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.59 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.2 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.2 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 0.95 | J3 | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 14 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | 1,800 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.59 | 1R | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.57 | JQ6 | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 3.0E-09 ± 1.2E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | CN |

## WELL QA 102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92 — Time: 7:15
Depth to water: Not available — pH: 6.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 29.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/92 — Time: 7:40
Depth to water: Not available — pH: 4.1
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | pH | 4.9 | JQ | pH | WA |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.8 | J3 | µg/L | WA |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 2.1 | | µg/L | GE |
| 0 | Dichloromethane | 14 | V | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |

WELL QA 104C collected on 09/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.12 | | µg/L | WA |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | 5.2 | J3 | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.059 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 0.53 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.59 | | µg/L | WA |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.59 | | µg/L | WA |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.59 | | µg/L | WA |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.59 | | µg/L | WA |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.59 | | µg/L | WA |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.59 | | µg/L | WA |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <1.2 | | µg/L | WA |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <1.2 | | µg/L | WA |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 1.4 | J3 | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | 6.2 | | µg/L | WA |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,020 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.6E-09 ± 2.9E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.7E-09 ± 6.6E-10 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |

# BLANK RESULTS

WELL QA 94C collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 96C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 8:00
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: [illegible] µS/cm — Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 9.0 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 19,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 19 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 23,000 | V | µg/L | GE |
| 1 | Total inorganic carbon | 7,080 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 7:30
Depth to water: Not available — pH: 4.3
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 9 µS/cm — Water temperature: 25.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | 5.4 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 7:20
Depth to water: Not available — pH: 4.3
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 25.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 4.5 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 890 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.1 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 92C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92 Time: 8:35
Depth to water: Not available pH: 4.4
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 24.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 10 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 2.1 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 15,000 | V | µg/L | GE |
| 1 | Total inorganic carbon | 7,930 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.3E-09 ± 2.8E-10 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

WELL QA 92C collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92 Time: 7:30
Depth to water: Not available pH: 4.6
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm Water temperature: 17.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | J | pH | GE |
| 0 | Specific conductance | 10 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 14,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 71,000 | V | µg/L | GE |
| 1 | Total inorganic carbon | 5,230 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 2.1E-09 ± 1.4E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |

WELL QA 88C collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 8.1 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | 1.9 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.6 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 9 µS/cm
Time: 10:20
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 26.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | GE |
| 0 | Specific conductance | 10 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |

WELL QA 90C collected on 09/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.5 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 60 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 33 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 16,000 | | µg/L | GE |
| 2 | Total inorganic carbon | 10,600 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.2 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92 Time: 6:20
Depth to water: Not available pH: 5.6
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 28.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 6.9 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |

WELL QA 86C collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | 1.2 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.2 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 1.5E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 Time: 6:25
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 28.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |

# BLANK RESULTS

WELL QA 80C collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 15,000 | V | µg/L | GE |
| 1 | Total inorganic carbon | 8,360 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/92 Time: 7:30
Depth to water: Not available pH: 4.5
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.5 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Silica | 16,200 | | µg/L | GE |
| 0 | Silica | 16,200 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.1 | | µg/L | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 8.0E-10 | | µCi/mL | GE |

## WELL QA 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92 Time: 7:45
Depth to water: Not available pH: 4.7
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 4 µS/cm Water temperature: 24.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL QA 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 6:50
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 25.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Iron | 16 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 8:35
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 26.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 10 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 16,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11 | J2 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 25,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |

WELL QA 76C collected on 08/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 7:55
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 10 | | µS/cm | GE |
| 0 | Specific conductance | 10 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/l | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 19,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | J1 | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 27,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 80C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 8:15
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 2.0 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |

# BLANK RESULTS

WELL QA 72C collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |

WELL QA 72C collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.7 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | V | µCi/mL | GE |
| 2 | Total alpha-emitting radium | 1.2E-08 ± 2.2E-09 | | µCi/mL | GE |

## WELL QA 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92 Time: 7:15
Depth to water: Not available pH: 5.6
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 25.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL QA 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92 Time: 9:05
Depth to water: Not available pH: 5.2
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 27.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GF |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.2 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | J1 | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |

WELL QA 70C collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.7 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 72C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92 Time: 8:45
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 25.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |

# BLANK RESULTS

WELL QA 62C collected on 07/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.3 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL QA 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 6:05
Depth to water: Not available pH: 4.6
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 27.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 2.0 | | µS/cm | GE |
| 0 | Specific conductance | 2.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.3 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL QA 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 Time: 6:05
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 25.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.1 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.5 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

WELL QA 58C collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | J1 | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | J1 | µg/L | GE |
| 0 | Pronamid | <10 | J1 | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Pyridine | <10 | J1 | µg/L | GE |
| 0 | Safrole | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | J1 | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | J1 | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | J1 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.4 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL QA 60C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 6:15
Depth to water: Not available pH: 5.0
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 29.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |

WELL QA 60C collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dichloromethane | 4.1 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 640 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 20 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | 2.2 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.6 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 2 | Gross alpha | 7.7E-08 ± 3.9E-09 | | µCi/mL | GE |
| 2 | Nonvolatile beta | 7.3E-08 ± 4.7E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

## WELL QA 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92 Time: 7:10
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 3 µS/cm Water temperature: 25.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 14 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |

# BLANK RESULTS

WELL QA 58C collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Benzyl alcohol | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | J1 | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | J1 | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibenzofuran | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Dimethoate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | J1 | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | J1 | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | J1 | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | J1 | µg/L | GE |
| 0 | Diphenylamine | <10 | J1 | µg/L | GE |
| 0 | Disulfoton | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | J1 | µg/L | GE |

WELL QA 58C collected on 07/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | J1 | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | J1 | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | J1 | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Isosafrole | <10 | J1 | µg/L | GE |
| 0 | Kepone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | J1 | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | J1 | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | J1 | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | J1 | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | J1 | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | J1 | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | J1 | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | J1 | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | J1 | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | J1 | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | J1 | µg/L | GE |

## WELL QA 56C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 7:45
Depth to water: Not available pH: 4.5
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 26.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | GE |
| 0 | Specific conductance | 10 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Dissolved organic carbon | <1,000 | | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |

WELL QA 56C collected on 08/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 50 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | 1,070 | | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.3 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-09 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 58C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92 Time: 6:20
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 28.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | J1 | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | J1 | µg/L | GE |
| 0 | Aniline | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

# BLANK RESULTS

WELL QA 50C collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 4,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.5 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-06 ± 3.0E-07 | | µCi/mL | GE |

## WELL QA 52C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 Time: 7:30
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 27.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.7 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 2.2 | V | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | J1 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |

WELL QA 52C collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 150 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 6,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 5.7 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.8 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92 Time: 6:40
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 25.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

WELL QA 44C collected on 07/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.6 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 5,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.5 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 7:20
pH: 6.1
Alkalinity: 1 mg/L
Water temperature: 27.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |

WELL QA 46C collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 165 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 6:30
pH: 5.9
Alkalinity: 1 mg/L
Water temperature: 26.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | J1 | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 4,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 50C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 7:05
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 28.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Alkalinity (as $CaCO_3$) | 1.4 | | mg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |

WELL QA 38C collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 7:55
pH: 5.8
Alkalinity: 1 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 1.0 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.3 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |

WELL QA 40C collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 7:35
pH: 6.0
Alkalinity: 1 mg/L
Water temperature: 26.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 600 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | 10,000 | JQV6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 7:45
pH: 6.1
Alkalinity: 1 mg/L
Water temperature: 26.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 2.0 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | J1 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |

WELL QA 38C collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.60 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.60 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |

WELL QA 38C collected on 07/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | JQ6 | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.18 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.18 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.4 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.18 | | µg/L | GE |
| 0 | 2,4,5-T | <0.18 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |

# BLANK RESULTS

## WELL QA 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92 — Time: 7:15
Depth to water: Not available — pH: 6.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 23.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.2 | | µg/L | GE |
| 0 | Dichloromethane | 2.8 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,510 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | 2.3 | | µg/L | GE |
| 0 | Toluene | 2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 1,000 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |

WELL QA 36C collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2,4,5-TP (Silvex) | <0.080 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 — Time: 7:50
Depth to water: Not available — pH: 5.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 25.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 1.0 | | µS/cm | GE |
| 0 | Specific conductance | 1.0 | | µS/cm | GE |
| 0 | Specific conductance | <1.0 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |

WELL QA 30C collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 3,000 | V | µg/L | GE |
| 0 | Total organic carbon | 1,650 | | µg/L | GE |
| 0 | Total organic carbon | 1,380 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.5E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 32C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 7:30
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 27.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 3.2 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 160 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |

WELL QA 32C collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 7:35
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 25.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | 8.3 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | JQ | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 22 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 8.8 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.4 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

WELL QA 24C collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.6 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 26C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 7:00
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 1.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 14,000 | JQ6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 62 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |

WELL QA 26C collected on 07/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 28C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:40
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 1.0 | | µS/cm | GE |
| 0 | Specific conductance | 1.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 100 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 7:15
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 26.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

## WELL QA 22C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 6:05
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 27.( C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acenaphthene | <10 | J1 | µg/L | GE |
| 0 | Acenaphthylene | <10 | J1 | µg/L | GE |
| 0 | Aldrin | <10 | J1 | µg/L | GE |
| 0 | Anthracene | <10 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | beta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | delta-Benzene hexachloride | <10 | J1 | µg/L | GE |
| 0 | Benzidine | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | J1 | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | J1 | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | J1 | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | J1 | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | J1 | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | J1 | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <10 | J1 | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | J1 | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | J1 | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | p,p'-DDD | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDE | <10 | J1 | µg/L | GE |
| 0 | p,p'-DDT | <10 | J1 | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | J1 | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | J1 | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.2 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <10 | J1 | µg/L | GE |
| 0 | Diethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | J1 | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | J1 | µg/L | GE |
| 0 | 1,2-Diphenylhydrazine | <10 | J1 | µg/L | GE |
| 0 | Endosulfan I | <10 | J1 | µg/L | GE |
| 0 | Endosulfan II | <10 | J1 | µg/L | GE |
| 0 | Endosulfan sulfate | <10 | J1 | µg/L | GE |
| 0 | Endrin | <10 | J1 | µg/L | GE |
| 0 | Endrin aldehyde | <10 | J1 | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoranthene | <10 | J1 | µg/L | GE |
| 0 | Fluorene | <10 | J1 | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <10 | J1 | µg/L | GE |
| 0 | Heptachlor epoxide | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | J1 | µg/L | GE |
| 0 | Hexachloroethane | <10 | J1 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | J1 | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isophorone | <10 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |

WELL QA 22C collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lindane | <10 | J1 | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 350 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | J1 | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | J1 | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | J1 | µg/L | GE |
| 0 | Oil & grease | <1,000 | | µg/L | GE |
| 0 | PCB 1016 | <150 | J1 | µg/L | GE |
| 0 | PCB 1221 | <150 | J1 | µg/L | GE |
| 0 | PCB 1232 | <150 | J1 | µg/L | GE |
| 0 | PCB 1242 | <150 | J1 | µg/L | GE |
| 0 | PCB 1248 | <150 | J1 | µg/L | GE |
| 0 | PCB 1254 | <150 | J1 | µg/L | GE |
| 0 | PCB 1260 | <150 | J1 | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | J1 | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total petroleum hydrocarbons | <1,000 | | µg/L | GE |
| 0 | Toxaphene | <10 | J1 | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 2.3 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 24C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92 Time: 8:30
Depth to water: Not available pH: 4.6
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 5 µS/cm Water temperature: 25.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.6 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |

# BLANK RESULTS

WELL QA 18C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.5 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | 25 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.8E-09 ± 4.1E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm

Time: 5:50
pH: 5.7
Alkalinity: 1 mg/L
Water temperature: 26.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.1 | | µg/L | GE |
| 0 | Dichloromethane | 2.2 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |

WELL QA 18C collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.3 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.3 | | µg/L | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm

Time: 6:20
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 15 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 4,000 | JQV6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 240 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.3 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

WELL QA 16C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methapyrilene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl isobutyl ketone | <1.0 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |

WELL QA 16C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamide | <10 | | µg/L | GE |
| 0 | Pronamide | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,820 | V | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |

# BLANK RESULTS

WELL QA 14C collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Vinyl acetate | <1.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/92 Time: 6:15
Depth to water: Not available pH: 5.7
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 26.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |

WELL QA 16C collected on 07/30/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |

WELL QA 14C collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chrysene | <10 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | o-Cresol (2-Methylphenol) | <10 | | µg/L | GE |
| 0 | m-Cresol (3-Methylphenol) | <10 | | µg/L | GE |
| 0 | p-Cresol (4-Methylphenol) | <10 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Diallate | <10 | | µg/L | GE |
| 0 | Dibenz[a,h]anthracene | <10 | | µg/L | GE |
| 0 | Dibenzofuran | <10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromo-3-chloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dibromoethane | <20 | | µg/L | GE |
| 0 | Dibromomethane | <1.0 | | µg/L | GE |
| 0 | Di-n-butyl phthalate | <10 | | µg/L | GE |
| 0 | 1,2-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,3-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,4-Dichlorobenzene | <10 | | µg/L | GE |
| 0 | 3,3'-Dichlorobenzidine | <10 | | µg/L | GE |
| 0 | trans-1,4-Dichloro-2-butene | <30 | | µg/L | GE |
| 0 | Dichlorodifluoromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | | µg/L | GE |
| 0 | 2,4-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,6-Dichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Diethyl phthalate | <10 | | µg/L | GE |
| 0 | Dimethoate | <10 | | µg/L | GE |
| 0 | 2,4-Dimethyl phenol | <10 | | µg/L | GE |
| 0 | Dimethyl phthalate | <10 | | µg/L | GE |
| 0 | p-Dimethylaminoazobenzene | <10 | | µg/L | GE |
| 0 | Dimethylbenz[a]anthracene | <10 | | µg/L | GE |
| 0 | 3,3'-Dimethylbenzidine | <10 | | µg/L | GE |
| 0 | a,a-Dimethylphenethylamine | <10 | | µg/L | GE |
| 0 | 1,3-Dinitrobenzene | <10 | | µg/L | GE |
| 0 | 2,4-Dinitrophenol | <45 | | µg/L | GE |
| 0 | 2,4-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | 2,6-Dinitrotoluene | <10 | | µg/L | GE |
| 0 | Di-n-octyl phthalate | <10 | | µg/L | GE |
| 0 | 1,4-Dioxane | <10 | | µg/L | GE |
| 0 | Diphenylamine | <10 | | µg/L | GE |
| 0 | Disulfoton | <10 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethyl methacrylate | <10 | | µg/L | GE |
| 0 | Ethyl methanesulfonate | <10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Famphur | <10 | | µg/L | GE |
| 0 | Fluoranthene | <10 | | µg/L | GE |
| 0 | Fluorene | <10 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDD | <0.00065 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-dioxins | <0.00065 | | µg/L | GE |
| 0 | 1,2,3,4,6,7,8-HPCDF | <0.00045 | | µg/L | GE |
| 0 | Heptachlorodibenzo-p-furans | <0.00045 | | µg/L | GE |
| 0 | Hexachlorobenzene | <10 | | µg/L | GE |
| 0 | Hexachlorobutadiene | <10 | | µg/L | GE |
| 0 | Hexachlorocyclopentadiene | <10 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDD | <0.00045 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | 1,2,3,4,7,8-HXCDF | <0.00040 | | µg/L | GE |
| 0 | Hexachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | Hexachloroethane | <10 | | µg/L | GE |
| 0 | Hexachlorophene | <10 | | µg/L | GE |
| 0 | Hexachloropropene | <10 | | µg/L | GE |
| 0 | 2-Hexanone | <1.0 | J2 | µg/L | GE |
| 0 | Indeno[1,2,3-c,d]pyrene | <10 | | µg/L | GE |
| 0 | Iodomethane (Methyl iodide) | <15 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Isobutyl alcohol | <100 | | µg/L | GE |
| 0 | Isodrin | <10 | | µg/L | GE |
| 0 | Isophorone | <10 | | µg/L | GE |
| 0 | Isosafrole | <10 | | µg/L | GE |
| 0 | Kepone | <10 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methacrylonitrile | <50 | | µg/L | GE |
| 0 | Methapyriiene | <10 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | 2-Methyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Methyl ethyl ketone | <1.0 | | µg/L | GE |

WELL QA 14C collected on 07/31/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methyl isobutyl ketone | <1.0 | J2 | µg/L | GE |
| 0 | Methyl methacrylate | <10 | | µg/L | GE |
| 0 | Methyl methanesulfonate | <10 | | µg/L | GE |
| 0 | 3-Methylcholanthrene | <10 | | µg/L | GE |
| 0 | 2-Methylnaphthalene | <10 | | µg/L | GE |
| 0 | Naphthalene | <10 | | µg/L | GE |
| 0 | 1,4-Naphthoquinone | <10 | | µg/L | GE |
| 0 | 1-Naphthylamine | <10 | | µg/L | GE |
| 0 | 2-Naphthylamine | <10 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | 2-Nitroaniline | <10 | | µg/L | GE |
| 0 | 3-Nitroaniline | <10 | | µg/L | GE |
| 0 | 4-Nitroaniline | <10 | | µg/L | GE |
| 0 | Nitrobenzene | <10 | | µg/L | GE |
| 0 | 2-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitrophenol | <10 | | µg/L | GE |
| 0 | 4-Nitroquinoline-1-oxide | <10 | | µg/L | GE |
| 0 | N-Nitrosodi-n-butylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodimethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodiphenylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosodipropylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomethylethylamine | <10 | | µg/L | GE |
| 0 | N-Nitrosomorpholine | <10 | | µg/L | GE |
| 0 | N-Nitrosopiperidine | <10 | | µg/L | GE |
| 0 | N-Nitrosopyrrolidine | <10 | | µg/L | GE |
| 0 | 5-Nitro-o-toluidine | <10 | | µg/L | GE |
| 0 | O,O,O-Triethyl phosphorothioate | <10 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-dioxins | <0.0010 | | µg/L | GE |
| 0 | Octachlorodibenzo-p-furans | <0.0010 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Pentachlorobenzene | <10 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDD | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-dioxins | <0.00055 | | µg/L | GE |
| 0 | Pentachlorodibenzo-p-furans | <0.00055 | | µg/L | GE |
| 0 | 1,2,3,7,8-PCDF | <0.00055 | | µg/L | GE |
| 0 | Pentachloroethane | <10 | | µg/L | GE |
| 0 | Pentachloronitrobenzene | <10 | | µg/L | GE |
| 0 | Pentachlorophenol | <10 | | µg/L | GE |
| 0 | Phenacetin | <10 | | µg/L | GE |
| 0 | Phenanthrene | <10 | | µg/L | GE |
| 0 | Phenol | <10 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | p-Phenylenediamine | <10 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | 2-Picoline | <10 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Pronamid | <10 | | µg/L | GE |
| 0 | Propionitrile | <200 | | µg/L | GE |
| 0 | Pyrene | <10 | | µg/L | GE |
| 0 | Pyridine | <10 | | µg/L | GE |
| 0 | Safrole | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | V | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Styrene | <1.0 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfide | <1,000 | | µg/L | GE |
| 0 | Sulfotepp | <10 | | µg/L | GE |
| 0 | 1,2,4,5-Tetrachlorobenzene | <10 | | µg/L | GE |
| 0 | 2,3,7,8-TCDD | <0.00045 | | µg/L | GE |
| 0 | 2,3,7,8-TCDF | <0.00040 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-dioxins | <0.00045 | | µg/L | GE |
| 0 | Tetrachlorodibenzo-p-furans | <0.00040 | | µg/L | GE |
| 0 | 1,1,1,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | 2,3,4,6-Tetrachlorophenol | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thionazin | <10 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | o-Toluidine | <10 | | µg/L | GE |
| 0 | Total dissolved solids | 2,000 | JQV6 | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | JQ6 | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,2,4-Trichlorobenzene | <10 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.7 | | µg/L | GE |
| 0 | 2,4,5-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,6-Trichlorophenol | <10 | | µg/L | GE |
| 0 | 2,4,5-T | <0.090 | | µg/L | GE |
| 0 | 1,2,3-Trichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,3,5-Trinitrobenzene | <10 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |

WELL QA 10C collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92 Time: 7:25
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 26.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 2.0 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 19,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 20,000 | | µg/L | GE |

WELL QA 12C collected on 08/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total dissolved solids | 17,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.2 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |

## WELL QA 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92 Time: 6:00
Depth to water: Not available pH: 5.8
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 26.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | pH | 6.5 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Acenaphthene | <10 | | µg/L | GE |
| 0 | Acenaphthylene | <10 | | µg/L | GE |
| 0 | Acetone | <100 | | µg/L | GE |
| 0 | Acetonitrile (Methyl cyanide) | <1.0 | | µg/L | GE |
| 0 | Acetophenone | <10 | | µg/L | GE |
| 0 | 2-Acetylaminofluorene | <10 | | µg/L | GE |
| 0 | Acrolein | <20 | | µg/L | GE |
| 0 | Acrylonitrile | <20 | | µg/L | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Allyl chloride | <50 | | µg/L | GE |
| 0 | 4-Aminobiphenyl | <10 | | µg/L | GE |
| 0 | Aniline | <10 | | µg/L | GE |
| 0 | Anthracene | <10 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Aramite | <10 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Benzo[a]anthracene | <10 | | µg/L | GE |
| 0 | Benzo[b]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[k]fluoranthene | <10 | | µg/L | GE |
| 0 | Benzo[g,h,i]perylene | <10 | | µg/L | GE |
| 0 | Benzo[a]pyrene | <10 | | µg/L | GE |
| 0 | Benzyl alcohol | <10 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bis(2-chloroethoxy) methane | <10 | | µg/L | GE |
| 0 | Bis(2-chloroethyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-chloroisopropyl) ether | <10 | | µg/L | GE |
| 0 | Bis(2-ethylhexyl) phthalate | <10 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | 4-Bromophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Butylbenzyl phthalate | <10 | | µg/L | GE |
| 0 | 2-sec-Butyl-4,6-dinitrophenol | <10 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon disulfide | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | 4-Chloroaniline | <10 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzilate | <10 | | µg/L | GE |
| 0 | para-Chloro-meta-cresol | <10 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | 2-Chloronaphthalene | <10 | | µg/L | GE |
| 0 | 2-Chlorophenol | <10 | | µg/L | GE |
| 0 | 4-Chlorophenyl phenyl ether | <10 | | µg/L | GE |
| 0 | Chloroprene | <200 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |

WELL QA 8C collected on 08/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 7.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 185 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | <1,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.6 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92 Time: 7:30
Depth to water: Not available pH: 5.8
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 27.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 8.0 | | µS/cm | GE |
| 0 | Turbidity | 0.31 | | NTU | GE |
| 0 | Acetophenone | <10 | J1 | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Cyanide | <5.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.2 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | J1 | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Naphthalene | <10 | J1 | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 184 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 1,000 | V | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | Tributyl phosphate | <10 | J1 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.2 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Xylenes | <2.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |

# BLANK RESULTS

WELL QA 4C collected on 07/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nitrate-nitrite as nitrogen | 140 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:00
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 25.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.8 | JQ | pH | GE |
| 0 | Specific conductance | 2.0 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |

WELL QA 6C collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 441 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-242 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Curium-243/244 | <1.0E-09 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | TE |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL QA 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:45
pH: 5.7
Alkalinity: 1 mg/L
Water temperature: 27.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.4 | JQ | pH | GE |
| 0 | Specific conductance | 5.0 | | µS/cm | GE |
| 0 | Turbidity | <0.10 | | NTU | GE |

WELL EPT159 collected on 09/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 3.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,700 | | µg/L | GE |
| 0 | Silica | 11,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 38 | | µg/L | GE |
| 0 | Sodium | 29 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT160

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/28/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 9:35
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 52 | | µg/L | GE |
| 0 | Calcium | 48 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 10 | | µg/L | GE |
| 0 | Copper | 11 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 3.5 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 31,000 | J2 | µg/L | GE |
| 0 | Silica | 31,200 | J2 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 63 | | µg/L | GE |
| 0 | Sodium | 65 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 30 | | µg/L | GE |
| 0 | Zinc | 30 | | µg/L | GE |

## WELL QA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:10
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 28.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 4.7 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | 1.8 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.4 | | µg/L | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL QA 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:05
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 26.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 3.0 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | <250 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |

# BLANK RESULTS

## WELL EPT156

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/92 — Time: 9:00
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 23.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 11 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | 2.3 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 34,800 | | µg/L | GE |
| 0 | Silica | 35,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 197 | | µg/L | GE |
| 0 | Sodium | 129 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.8 | | µg/L | GE |
| 0 | Zinc | 3.7 | | µg/L | GE |

## WELL EPT157

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/92 — Time: 11:10
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 9 µS/cm — Water temperature: 25.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 20 | | µg/L | GE |
| 0 | Calcium | 20 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | J1 | µg/L | GE |
| 0 | Lithium | <5.0 | J1 | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |

WELL EPT157 collected on 09/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 20,000 | | µg/L | GE |
| 0 | Silica | 20,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 31 | | µg/L | GE |
| 0 | Sodium | 37 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT158

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/22/92 — Time: 8:05
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 10 µS/cm — Water temperature: 24.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Aluminum | 64 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | J1 | µg/L | GE |
| 0 | Magnesium | 2.6 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 16,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 27 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT159

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/92 — Time: 7:50
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 9 µS/cm — Water temperature: 25.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Aluminum | 70 | | µg/L | GE |
| 2 | Aluminum | 67 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 5.8 | | µg/L | GE |
| 0 | Copper | 5.2 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |

## WELL EPT153

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 9:35
Depth to water: Not available pH: 4.3
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 12 | | µg/L | GE |
| 0 | Calcium | 13 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | J1 | µg/L | GE |
| 0 | Lithium | <5.0 | J1 | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 28,700 | | µg/L | GE |
| 0 | Silica | 28,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 20 | | µg/L | GE |
| 0 | Sodium | 20 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT154

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92 Time: 9:40
Depth to water: Not available pH: 4.4
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 23.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 25 | | µg/L | GE |
| 0 | Calcium | 24 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.4 | | µg/L | GE |
| 0 | Magnesium | 2.8 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |

WELL EPT154 collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 23,400 | | µg/L | GE |
| 0 | Silica | 23,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 34 | | µg/L | GE |
| 0 | Sodium | 32 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 2.3 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT155

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/92 Time: 10:05
Depth to water: Not available pH: 4.5
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 15 | | µg/L | GE |
| 0 | Calcium | 14 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.6 | | µg/L | GE |
| 0 | Magnesium | 2.3 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 24,400 | | µg/L | GE |
| 0 | Silica | 24,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 57 | | µg/L | GE |
| 0 | Sodium | 57 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.1 | | µg/L | GE |
| 0 | Zinc | 3.1 | | µg/L | GE |

WELL EPT124 collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | 1.7 | J3 | µg/L | WA |
| 0 | Cadmium | 0.58 | J3 | µg/L | WA |
| 0 | Calcium | 38 | J3 | µg/L | WA |
| 0 | Calcium | 38 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Iron | 14 | | µg/L | WA |
| 0 | Iron | 8.3 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 25 | J3 | µg/L | WA |
| 0 | Magnesium | 20 | J3 | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Manganese | 0.53 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Potassium | 231 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 23,500 | | µg/L | WA |
| 0 | Silica | 22,000 | | µg/L | WA |
| 0 | Silver | 2.0 | J3 | µg/L | WA |
| 0 | Silver | 1.3 | J3 | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | 3.6 | J3 | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | 0.17 ± 2.0E-02 | | µg/L | TM |
| 0 | Uranium | 0.17 ± 2.0E-02 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 5.3 | | µg/L | WA |
| 0 | Zinc | 7.3 | | µg/L | WA |

## WELL EPT150

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 8:45
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.7 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 28,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT151

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 11:55
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 23.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | J1 | µg/L | GE |
| 0 | Calcium | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | J1 | µg/L | GE |
| 0 | Lithium | <5.0 | J1 | µg/L | GE |
| 0 | Magnesium | <2.0 | V | µg/L | GE |
| 0 | Magnesium | 6.4 | V | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 26,000 | | µg/L | GE |
| 0 | Silica | 26,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT152

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/15/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 10:15
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 14 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | J1 | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 25,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 27 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

WELL EPT120 collected on 09/08/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 48 | J3 | µg/L | WA |
| 0 | Chromium | 1.7 | J3 | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Iron | 4.1 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | 3.3 | J3 | µg/L | WA |
| 0 | Magnesium | <8.9 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | 84 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 20,400 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 7.2 | | µg/L | WA |

## WELL EPT121

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/92 Time: 6:10
Depth to water: Not available pH: 4.4
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 30 | J3 | µg/L | WA |
| 0 | Calcium | 25 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | 1.4 | J3 | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Iron | 6.3 | J3 | µg/L | WA |
| 0 | Iron | 5.7 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.6 | | µg/L | WA |
| 0 | Lithium | <2.6 | | µg/L | WA |
| 0 | Magnesium | 19 | J3 | µg/L | WA |
| 0 | Magnesium | 13 | J3 | µg/L | WA |
| 0 | Manganese | 0.45 | J3 | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 21,500 | | µg/L | WA |
| 0 | Silica | 21,100 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | 3.6 | J3 | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | 0.23 ± 2.0E-02 | | µg/L | TM |
| 0 | Uranium | 0.23 ± 2.0E-02 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 3.8 | | µg/L | WA |
| 0 | Zinc | 5.1 | | µg/L | WA |

## WELL EPT122

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/92 Time: 9:50
Depth to water: Not available pH: 4.3
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 45 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | 1.3 | J3 | µg/L | WA |
| 0 | Copper | 1.6 | J3 | µg/L | WA |
| 0 | Iron | 3.8 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.6 | | µg/L | WA |
| 0 | Magnesium | 14 | J3 | µg/L | WA |
| 0 | Manganese | 0.35 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 18,300 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | 0.97 | J3 | µg/L | WA |
| 0 | Zinc | 4.7 | | µg/L | WA |

## WELL EPT123

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/92 Time: 9:30
Depth to water: Not available pH: 4.4
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm Water temperature: 23.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 94 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | 1.2 | J3 | µg/L | WA |
| 0 | Copper | 8.2 | | µg/L | WA |
| 0 | Iron | 5.7 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | 8.0 | J3 | µg/L | WA |
| 0 | Magnesium | 16 | J3 | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 21,900 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | 0.060 ± 1.0E-02 | | µg/L | TM |
| 0 | Uranium | 0.060 ± 1.0E-02 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 6.1 | | µg/L | WA |

## WELL EPT124

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92 Time: 9:00
Depth to water: Not available pH: 4.4
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm Water temperature: 17.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | 23 | J3 | µg/L | WA |
| 0 | Aluminum | 20 | J3 | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |

# BLANK RESULTS

WELL EPT116 collected on 09/02/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 2 | Cadmium | 8.9 | | µg/L | WA |
| 0 | Cadmium | 1.7 | J3 | µg/L | WA |
| 0 | Calcium | 71 | | µg/L | WA |
| 0 | Calcium | 48 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Iron | 7.4 | J3 | µg/L | WA |
| 0 | Iron | 13 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | 5.5 | J3 | µg/L | WA |
| 0 | Lithium | 3.5 | J3 | µg/L | WA |
| 0 | Magnesium | 32 | J3 | µg/L | WA |
| 0 | Magnesium | 35 | J3 | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Potassium | 161 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 15,000 | | µg/L | WA |
| 0 | Silica | 15,200 | | µg/L | WA |
| 0 | Silver | 0.70 | J3 | µg/L | WA |
| 0 | Silver | 1.6 | J3 | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 7.0 | | µg/L | WA |
| 0 | Zinc | 4.3 | | µg/L | WA |

## WELL EPT117

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92 — Time: 8:55
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 46 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | 1.1 | J3 | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Iron | 3.4 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | <8.9 | | µg/L | WA |
| 0 | Manganese | 0.35 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 24,500 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 8.3 | | µg/L | WA |

## WELL EPT118

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/92 — Time: 9:15
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 23.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | 1.2 | J3 | µg/L | WA |
| 0 | Calcium | 92 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 1.9 | J3 | µg/L | WA |
| 0 | Iron | 10 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 34 | J3 | µg/L | WA |
| 0 | Manganese | 0.55 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 23,800 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 9.4 | | µg/L | WA |

## WELL EPT119

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/07/92 — Time: 10:35
Depth to water: Not available — pH: 4.3
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 23.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | 25 | J3 | µg/L | WA |
| 2 | Antimony | 14 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | 0.60 | J3 | µg/L | WA |
| 0 | Calcium | 47 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 2.3 | J3 | µg/L | WA |
| 0 | Iron | 3.9 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 17 | J3 | µg/L | WA |
| 0 | Manganese | 0.38 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | 331 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 23,000 | | µg/L | WA |
| 0 | Silver | 1.9 | J3 | µg/L | WA |
| 0 | Sodium | 132 | J3 | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | 1.9 | J3 | µg/L | WA |
| 0 | Zinc | 4.9 | | µg/L | WA |

## WELL EPT120

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/08/92 — Time: 7:50
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |

WELL EPT111 collected on 08/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silica | 15,800 | | µg/L | WA |
| 0 | Silica | 16,000 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 160 | J3 | µg/L | WA |
| 0 | Sodium | 114 | J3 | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Tin | 2.8 | J3 | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | 2.0 | J3 | µg/L | WA |
| 0 | Vanadium | 1.8 | J3 | µg/L | WA |
| 0 | Zinc | 10 | | µg/L | WA |
| 0 | Zinc | 5.8 | | µg/L | WA |

## WELL EPT112

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 8:25
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 2 | Antimony | 5.8 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 91 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 5.4 | | µg/L | WA |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | 2.0 | J3 | µg/L | WA |
| 0 | Lithium | 4.1 | J3 | µg/L | WA |
| 0 | Magnesium | 31 | J3 | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | 211 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 13,400 | | µg/L | WA |
| 0 | Silver | 1.2 | J3 | µg/L | WA |
| 0 | Sodium | 162 | J3 | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | 1.9 | J3 | µg/L | WA |
| 0 | Zinc | 9.2 | | µg/L | WA |

## WELL EPT113

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 8:10
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 2 | Antimony | 13 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | 0.72 | J3 | µg/L | WA |
| 0 | Calcium | 59 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 2.0 | J3 | µg/L | WA |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 17 | J3 | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 16,300 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 111 | J3 | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | 5.5 | J3 | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | 1.5 | J3 | µg/L | WA |
| 0 | Zinc | 11 | | µg/L | WA |

## WELL EPT114

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 7:30
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | 0.18 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 50 | J3 | µg/L | WA |
| 0 | Chromium | 2.2 | J3 | µg/L | WA |
| 0 | Cobalt | 2.3 | J3 | µg/L | WA |
| 0 | Copper | 3.9 | J3 | µg/L | WA |
| 0 | Iron | 4.5 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | 5.6 | J3 | µg/L | WA |
| 0 | Magnesium | 21 | J3 | µg/L | WA |
| 0 | Manganese | 0.45 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | 148 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 13,900 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | 3.1 | J3 | µg/L | WA |
| 0 | Zinc | 2.9 | | µg/L | WA |

## WELL EPT115

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 8:15
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 136 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 4.5 | J3 | µg/L | WA |
| 0 | Iron | 4.2 | J3 | µg/L | WA |
| 0 | Lead | 3.0 | J3 | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 73 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 21,200 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 117 | J3 | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | 1.5 | J3 | µg/L | WA |
| 0 | Zinc | 20 | | µg/L | WA |

## WELL EPT116

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 8:50
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |

WELL EPT107 collected on 08/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | 1.2 | J3 | µg/L | WA |
| 0 | Copper | 1.3 | J3 | µg/L | WA |
| 0 | Iron | 9.1 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 36 | J3 | µg/L | WA |
| 0 | Manganese | 0.78 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 24,100 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 123 | J3 | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | 2.1 | J3 | µg/L | WA |
| 0 | Uranium | 0.10 ± 1.0E-02 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 4.0 | | µg/L | WA |

## WELL EPT108

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 8:50
Depth to water: Not available — pH: 4.2
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 6 µS/cm — Water temperature: 24.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 17 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | <8.9 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 32,400 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | 0.080 ± 1.0E-02 | | µg/L | TM |
| 0 | Uranium | 0.080 ± 1.0E-02 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 2.3 | | µg/L | WA |

## WELL EPT109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 8:15
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 24.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | 23 | J3 | µg/L | WA |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 31 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Iron | 6.6 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 44 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | 3.9 | J3 | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 26,400 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |

WELL EPT109 collected on 08/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 8.3 | | µg/L | WA |

## WELL EPT110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 — Time: 9:00
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 26.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.8 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 33 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 10 | J3 | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 24,700 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 4.2 | | µg/L | WA |

## WELL EPT111

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 — Time: 8:50
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 26.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | 23 | J3 | µg/L | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 2 | Antimony | 8.1 | J3 | µg/L | WA |
| 1 | Antimony | 3.9 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 108 | | µg/L | WA |
| 0 | Calcium | 80 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | 1.3 | J3 | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 5.2 | | µg/L | WA |
| 0 | Copper | 3.2 | J3 | µg/L | WA |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | 4.1 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | 13 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 44 | | µg/L | WA |
| 0 | Magnesium | 33 | J3 | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |

WELL EPT103 collected on 08/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | 292 | J3 | µg/L | WA |
| 0 | Potassium | 85 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | 2.1 | J3 | µg/L | WA |
| 0 | Silica | 26,800 | | µg/L | WA |
| 0 | Silica | 25,900 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | 3.5 | J3 | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 5.5 | | µg/L | WA |
| 0 | Zinc | 4.0 | | µg/L | WA |

## WELL EPT104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 9:20
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 25.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 2 | Antimony | 5.6 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | 0.18 | J3 | µg/L | WA |
| 0 | Cadmium | 0.53 | J3 | µg/L | WA |
| 0 | Calcium | 46 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | 2.5 | J3 | µg/L | WA |
| 0 | Copper | 2.4 | J3 | µg/L | WA |
| 0 | Iron | 10 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | 5.9 | J3 | µg/L | WA |
| 0 | Magnesium | 49 | | µg/L | WA |
| 0 | Manganese | 1.2 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | 4.5 | J3 | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 22,500 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | 2.8 | J3 | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | 1.6 | J3 | µg/L | WA |
| 0 | Zinc | 12 | | µg/L | WA |

## WELL EPT105

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/24/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 10:55
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 28.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 16 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | 1.1 | J3 | µg/L | WA |
| 0 | Copper | 1.1 | J3 | µg/L | WA |
| 0 | Iron | 6.0 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 12 | J3 | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |

WELL EPT105 collected on 08/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 26,000 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | 4.5 | J3 | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 4.7 | | µg/L | WA |

## WELL EPT106

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 6 µS/cm
Time: 6:50
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 23.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | 15 | | µg/L | WA |
| 0 | Aluminum | 15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | 0.20 | J3 | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 15 | J3 | µg/L | WA |
| 0 | Calcium | <14 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | 1.9 | J3 | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | 2.4 | J3 | µg/L | WA |
| 0 | Copper | 2.4 | J3 | µg/L | WA |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Iron | <1.9 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 30 | J3 | µg/L | WA |
| 0 | Magnesium | 19 | J3 | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 25,800 | | µg/L | WA |
| 0 | Silica | 25,500 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | 1.3 ± 1.3E-01 | | µg/L | TM |
| 0 | Uranium | 1.3 ± 1.3E-01 | | µg/L | TM |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Vanadium | <0.88 | | µg/L | WA |
| 0 | Zinc | 2.4 | | µg/L | WA |
| 0 | Zinc | 3.0 | | µg/L | WA |

## WELL EPT107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 6 µS/cm
Time: 8:00
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 23.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | 0.40 | J3 | µg/L | WA |
| 0 | Calcium | 73 | | µg/L | WA |

# BLANK RESULTS

WELL EPT 99 collected on 09/03/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 3.5 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT100

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92 Time: 8:00
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.4 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 42 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT101

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/92 Time: 7:25
Depth to water: Not available pH: 4.9
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 2 | Antimony | 12 | J3 | µg/L | WA |
| 2 | Antimony | 6.7 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 95 | | µg/L | WA |
| 0 | Calcium | 121 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Iron | 14 | | µg/L | WA |
| 0 | Iron | 18 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | 6.6 | J3 | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | 44 | | µg/L | WA |
| 0 | Magnesium | 66 | | µg/L | WA |
| 0 | Manganese | 0.83 | J3 | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Potassium | 100 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 20,900 | | µg/L | WA |

WELL EPT101 collected on 08/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silica | 21,600 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | 2.2 | J3 | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | 1.0 ± 1.0E-01 | | µg/L | TM |
| 0 | Uranium | 1.0 ± 1.0E-01 | | µg/L | TM |
| 0 | Vanadium | 2.4 | J3 | µg/L | WA |
| 0 | Vanadium | 0.97 | J3 | µg/L | WA |
| 0 | Zinc | 5.9 | | µg/L | WA |
| 0 | Zinc | 6.6 | | µg/L | WA |

## WELL EPT102

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/92 Time: 7:35
Depth to water: Not available pH: 4.6
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 2 | Antimony | 6.0 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 64 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Iron | 12 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | 3.8 | J3 | µg/L | WA |
| 0 | Magnesium | 58 | | µg/L | WA |
| 0 | Manganese | <0.35 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nickel | <3.1 | | µg/L | WA |
| 0 | Potassium | 98 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 23,500 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Thallium | <2.0 | | µg/L | WA |
| 0 | Tin | <1.9 | | µg/L | WA |
| 0 | Uranium | <0.030 | | µg/L | TM |
| 0 | Vanadium | 1.5 | J3 | µg/L | WA |
| 0 | Zinc | 3.0 | | µg/L | WA |

## WELL EPT103

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/92 Time: 9:20
Depth to water: Not available pH: 4.6
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 5 µS/cm Water temperature: 24.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Aluminum | <15 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Beryllium | <0.18 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | <14 | | µg/L | WA |
| 0 | Calcium | <14 | | µg/L | WA |
| 0 | Chromium | 1.3 | J3 | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Cobalt | <0.88 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Copper | <1.1 | | µg/L | WA |
| 0 | Iron | 3.4 | J3 | µg/L | WA |
| 0 | Iron | 2.7 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Lithium | <2.8 | | µg/L | WA |
| 0 | Magnesium | <8.9 | | µg/L | WA |
| 0 | Magnesium | <8.9 | | µg/L | WA |

WELL EPT 95 collected on 08/28/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 29,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 39 | J2 | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 96

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/31/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 15:40
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 35.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 19 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 80,800 | J2 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 18 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 2.1 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 97

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/01/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 9:45
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 24.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 15 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 48,300 | J2 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 21 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 4.7 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 98

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 14:30
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 33.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 20 | | µg/L | GE |
| 0 | Calcium | 19 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 7.3 | | µg/L | GE |
| 0 | Magnesium | 6.4 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 32,800 | J2 | µg/L | GE |
| 0 | Silica | 32,400 | J2 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 24 | | µg/L | GE |
| 0 | Sodium | 24 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 3.9 | | µg/L | GE |
| 0 | Tin | 3.7 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 99

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 8:45
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 23.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 23 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 4.2 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 26,500 | J2 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 32 | | µg/L | GE |

# BLANK RESULTS

## WELL EPT 92

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92 Time: 6:25
Depth to water: Not available pH: 4.4
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 3 µS/cm Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 53 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 8.6 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 37,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 4.4 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 93

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/92 Time: 8:05
Depth to water: Not available pH: 4.7
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 4 µS/cm Water temperature: 24.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 23 | | µg/L | GE |
| 0 | Calcium | 24 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 5.4 | | µg/L | GE |
| 0 | Magnesium | 7.4 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 43,400 | | µg/L | GE |
| 0 | Silica | 43,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 35 | | µg/L | GE |
| 0 | Sodium | 34 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 4.2 | | µg/L | GE |
| 0 | Tin | 4.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

WELL EPT 93 collected on 08/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 94

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/92 Time: 7:40
Depth to water: Not available pH: 4.4
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm Water temperature: 25.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 19 | | µg/L | GE |
| 0 | Calcium | 16 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | 56 | | µg/L | GE |
| 0 | Iron | 47 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 4.9 | | µg/L | GE |
| 0 | Magnesium | 3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 26,000 | | µg/L | GE |
| 0 | Silica | 26,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 2.5 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 95

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/92 Time: 8:10
Depth to water: Not available pH: 4.4
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 25.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |

WELL EPT 87 collected on 08/19/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 23 | J2 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 9.2 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 4.? | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.1 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 36,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 20 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 88

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:40
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 25.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 36,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 89

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 6:40
pH: 4.5
Alkalinity: 1 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 82 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 4.7 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 39,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |

WELL EPT 89 collected on 08/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium | 20 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 4.1 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 90

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 7:50
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 35,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 2.4 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 91

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 8:00
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 23.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 367 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.9 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 34,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 30 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 2.6 | | µg/L | GE |

WELL EPT 82 collected on 08/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 25,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 83

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 6:35
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 23.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 24 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 20 | | µg/L | GE |
| 0 | Iron | 8.2 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.8 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 26,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 3.0 | V | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 84

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/17/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:10
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | 4.9 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 25,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 85

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 5:25
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 21 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 24,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 86

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 7:30
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 12 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 27,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 2.4 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 87

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:05
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 25.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |

## WELL EPT 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 7:00
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 25.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 48 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 17,300 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 16 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 80

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:25
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 26.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 42 | | µg/L | GE |
| 0 | Calcium | 42 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 4.9 | | µg/L | GE |
| 0 | Magnesium | 6.3 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 20,400 | | µg/L | GE |
| 0 | Silica | 20,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13 | | µg/L | GE |
| 0 | Sodium | 12 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |

WELL EPT 80 collected on 08/13/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 81

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:10
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 24.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 39 | | µg/L | GE |
| 0 | Calcium | 36 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | 4.1 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 23,200 | | µg/L | GE |
| 0 | Silica | 22,900 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 2.3 | V | µg/L | GE |
| 0 | Tin | 2.0 | V | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 82

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 6:30
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 24.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 52 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |

WELL EPT 75 collected on 08/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 668 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:30
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 24.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 12 | | µg/L | GE |
| 0 | Calcium | 11 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.6 | | µg/L | GE |
| 0 | Magnesium | 2.3 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 587 | | µg/L | GE |
| 0 | Silica | 586 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 27 | | µg/L | GE |
| 0 | Sodium | 26 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 5:25
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 26.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |

WELL EPT 77 collected on 08/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 13,600 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 29 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 12:20
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 27 | | µg/L | GE |
| 0 | Calcium | 28 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 3.8 | | µg/L | GE |
| 0 | Magnesium | 2.2 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,300 | | µg/L | GE |
| 0 | Silica | 12,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 27 | | µg/L | GE |
| 0 | Sodium | 26 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

WELL EPT 71 collected on 08/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 36 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 275 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 72

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 7:25
pH: 6.2
Alkalinity: 1 mg/L
Water temperature: 25.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 26 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 368 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 73

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:50
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 25.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |

WELL EPT 73 collected on 08/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 326 | | µg/L | GE |
| 0 | Silica | 325 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 44 | | µg/L | GE |
| 0 | Sodium | 44 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 74

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:00
pH: 6.0
Alkalinity: 1 mg/L
Water temperature: 26.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 531 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 75

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:50
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 26.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |

# BLANK RESULTS

## WELL EPT 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 6:20
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 24.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 54 | | µg/L | GE |
| 0 | Calcium | 52 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.3 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 134 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 5.7 | V | µg/L | GE |
| 0 | Tin | 3.0 | V | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/92 Time: 9:00
Depth to water: Not available pH: 5.8
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 26.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 25 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.1 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 165 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | V | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92 Time: 8:40
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 26.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 260 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 14 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92 Time: 8:25
Depth to water: Not available pH: 5.3
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 26.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 321 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 18 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/92 Time: 7:50
Depth to water: Not available pH: 6.2
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 26.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |

## WELL EPT 63

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/92 Time: 6:45
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 26.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | V | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 64

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/92 Time: 6:30
Depth to water: Not available pH: 4.9
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 26.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 20 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.9 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 2.4 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/92 Time: 7:00
Depth to water: Not available pH: 4.9
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 24.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |

WELL EPT 65 collected on 08/01/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13 | | µg/L | GE |
| 0 | Sodium | 13 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/92 Time: 7:40
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 25.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | J1 | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 22 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 2.6 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

# BLANK RESULTS

WELL EPT 59 collected on 07/27/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | 2.2 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11 | | µg/L | GE |
| 0 | Sodium | 10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 7:50
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 26.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 61

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 6:50
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 26.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 2.0 | | µg/L | GE |

## WELL EPT 62

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 6:45
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 26.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 11 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 121 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 3.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

WELL EPT 55 collected on 07/24/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17 | | µg/L | GE |
| 0 | Sodium | 17 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 3.3 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 56

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:15
pH: 6.0
Alkalinity: 1 mg/L
Water temperature: 26.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 56 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.8 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 57

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:25
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 28.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 15 | | µg/L | GE |
| 0 | Calcium | 15 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.7 | | µg/L | GE |
| 0 | Magnesium | 3.8 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |

WELL EPT 57 collected on 07/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17 | | µg/L | GE |
| 0 | Sodium | 14 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 2.3 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 58

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:40
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 26.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 25 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:15
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 27.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 16 | | µg/L | GE |
| 0 | Calcium | 17 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |

# BLANK RESULTS

WELL EPT 51 collected on 07/22/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92 Time: 8:15
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature. 26.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 22 | V | µg/L | GE |
| 0 | Calcium | 18 | V | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 53

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92 Time: 8:30
Depth to water: Not available pH: 5.2
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 25.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 35 | V | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |

WELL EPT 53 collected on 07/23/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 50 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/92 Time: 7:55
Depth to water: Not available pH: 5.7
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 25.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 5.2 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/92 Time: :15
Depth to water: Not available pH: 5.2
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 28.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 34 | | µg/L | GE |
| 0 | Calcium | 34 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 4.5 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |

WELL EPT 48 collected on 07/20/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 3.9 | | µg/L | GE |
| 0 | Magnesium | 2.2 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | 0.23 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17 | | µg/L | GE |
| 0 | Sodium | 16 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 49

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:35
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 25.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 22 | J2 | µg/L | GE |
| 0 | Calcium | 17 | J2 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 10 | | µg/L | GE |
| 0 | Magnesium | 2.6 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | 0.31 | | µg/L | GE |
| 0 | Nickel | 5.9 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 14 | | µg/L | GE |
| 0 | Sodium | 12 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 2 | Uranium | 31 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 50

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:10
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 25.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.1 | | µg/L | GE |
| 0 | Magnesium | 3.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 3.4 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 51

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:25
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 26.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 12 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 6.3 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 28 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |

# BLANK RESULTS

## WELL EPT 44

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92 — Time: 7:40
Depth to water: Not available — pH: 6.4
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 25.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 16 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 45

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92 — Time: 8:15
Depth to water: Not available — pH: 5.2
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 5 µS/cm — Water temperature: 24.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Aluminum | 255 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 28 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 18 | | µg/L | GE |
| 0 | Manganese | 6.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 109 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 2.9 | | µg/L | GE |

## WELL EPT 46

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/92 — Time: 7:35
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 25.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

WELL EPT 46 collected on 07/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 47

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/92 — Time: 8:00
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 24.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 28 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 5.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | 4.1 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 48

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/20/92 — Time: 7:45
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 24.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 15 | | µg/L | GE |
| 0 | Calcium | 15 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |

WELL EPT 39 collected on 07/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 2.7 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:45
pH: 5.8
Alkalinity: 1 mg/L
Water temperature: 27.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.3 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 19 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 41

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:35
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 26.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 12 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 5.6 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 8:05
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 25.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Aluminum | 30 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 146 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 57 | | µg/L | GE |
| 0 | Manganese | 6.8 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 174 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 43

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 6:30
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 25.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.2 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17 | | µg/L | GE |
| 0 | Sodium | 19 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

WELL EPT 36 collected on 07/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | 2.5 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 8:15
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 26.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 100 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 9.6 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 40 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 2.2 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:00
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 26.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 20 | | µg/L | GE |
| 0 | Calcium | 20 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | 3.5 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 18 | | µg/L | GE |
| 0 | Sodium | 19 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:40
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 25.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 2 | Antimony | 7.8 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 27 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 4.5 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | 0.88 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 29 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |

## WELL EPT 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:25
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 26.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 3.4 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:20
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 27.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 21 | | µg/L | GE |
| 0 | Sodium | 20 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:05
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 26.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.3 | J2 | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/13/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 8:00
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 24.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 67 | J2 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 5.0 | J2 | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 15 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/14/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:30
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 27.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |

# BLANK RESULTS

WELL EPT 27 collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | <10 | J1 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 7:45
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 27.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 108 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 5.3 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 26 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:55
pH: 5.8
Alkalinity: 1 mg/L
Water temperature: 27.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 4.8 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |

WELL EPT 29 collected on 07/09/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 8:15
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 26.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Aluminum | 47 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 20 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 4.9 | | µg/L | GE |
| 0 | Manganese | 4.7 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 67 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 2.2 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:50
pH: 6.1
Alkalinity: 1 mg/L
Water temperature: 26.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 1 | Mercury | 1.6 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

WELL EPT 22 collected on 07/07/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 31 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92 Time: 8:10
Depth to water: Not available pH: 5.6
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 24.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.1 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 21 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 8:25
Depth to water: Not available pH: 4.5
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 25.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 29 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.4 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 14 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 8:00
Depth to water: Not available pH: 5.3
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 4 µS/cm Water temperature: 24.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 40 | J2 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.3 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 42 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.4 | | µg/L | GE |

## WELL EPT 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/92 Time: 8:20
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 25.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 20 | J2 | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/92 Time: 8:30
Depth to water: Not available pH: 4.7
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 28.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |

# BLANK RESULTS

WELL EPT 18 collected on 07/05/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Calcium | 10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 3.3 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 6:00
pH: 4.4
Alkalinity: 1 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 35 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:50
pH: 5.8
Alkalinity: 1 mg/L
Water temperature: 24.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.8 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11 | | µg/L | GE |

WELL EPT 20 collected on 07/06/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:25
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | 2.4 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 16 | | µg/L | GE |
| 0 | Sodium | 15 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/07/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 7:50
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 25.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 57 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 6.4 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |

WELL EPT 13 collected on 08/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:20
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 23.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 47 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 5.8 | | µg/L | GE |
| 0 | Iron | 5.1 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 31 | | µg/L | GE |
| 0 | Manganese | 6.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | 2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2 0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 6:30
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 23.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 13 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 11 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 13 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:30
pH: 6.0
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 17 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 4.4 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 11 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:25
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.7 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:30
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |

# BLANK RESULTS

## WELL EPT 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 Time: 8:40
Depth to water: Not available pH: 4.6
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 22.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 14 | | µg/L | GE |
| 0 | Calcium | 14 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 24 | | µg/L | GE |
| 0 | Sodium | 24 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92 Time: 7:55
Depth to water: Not available pH: 5.9
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 26.4°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 41 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.2 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 538 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 2.3 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 Time: 6:55
Depth to water: Not available pH: 5.7
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 27.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 18 | | µg/L | GE |
| 0 | Calcium | 18 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.1 | | µg/L | GE |
| 0 | Magnesium | 2.3 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 6,740 | | µg/L | GE |
| 0 | Silica | 6,720 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | 3.0 | | µg/L | GE |
| 0 | Tin | 2.6 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/92 Time: 6:55
Depth to water: Not available pH: 4.5
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 25.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | J1 | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 68 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 5.7 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 9,730 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |

WELL EPT 5 collected on 07/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:50
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 26.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Antimony | <2.0 | J1 | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 17 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:10
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 26.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 4.3 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |

WELL EPT 7 collected on 08/04/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 219 | | µg/L | GE |
| 0 | Silica | 205 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Sodium | <10 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Tin | 2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:35
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | 12 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.7 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 757 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 25 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/92
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:30
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 26.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 18 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | 763 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 15 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

# BLANK RESULTS

## WELL EPT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/92 — Time: 8:35
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 24.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.5 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 7,710 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 694 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/92 — Time: 8:50
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 23.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 42 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 7.9 | | µg/L | GE |
| 0 | Iron | 4.6 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 15 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 42 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 3.3 | | µg/L | GE |

## WELL EPT 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/92 — Time: 8:10
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 26.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |

WELL EPT 3 collected on 07/10/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 19 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 — Time: 9:00
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 24.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 17 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 3.9 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 34 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Uranium | <20 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |

## WELL EPT 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/21/92 — Time: 7:50
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Aluminum | <20 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | <10 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Iron | 5.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lithium | <5.0 | | µg/L | GE |
| 0 | Magnesium | 2.5 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Potassium | <500 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silica | <100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |

# Appendix B. BLANKS

This section presents the analytical results for sampling blanks analyzed during third quarter 1992.

## WELL ZW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 13:20
Depth to water: 3.00 ft (0.91 m) below TOC pH: 7.7
Water elevation: 270.39 ft (82.42 m) msl
Sp. conductance: 83 µS/cm Water temperature: 29.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 4.5E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 5.0E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 9.0E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 8.3E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.5E-08 ± 5.0E-07 | | µCi/mL | GE |

## WELL ZW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 12:40
Depth to water: 35.50 ft (10.82 m) below TOC pH: 6.5
Water elevation: 253.20 ft (77.18 m) msl
Sp. conductance: 97 µS/cm Water temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 2.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.9E-09 ± 1.5E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 1.7E-08 | | µCi/mL | GE |

## WELL ZW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92 Time: 13:00
Depth to water: 49.50 ft (15.09 m) below TOC pH: 6.8
Water elevation: 250.90 ft (76.48 m) msl
Sp. conductance: 65 µS/cm Water temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Tritium | 5.2E-05 ± 1.1E-06 | | µCi/mL | GE |

WELL ZBG 2 collected on 08/18/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ZDT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: 24.26 ft (7.39 m) below TOC
Water elevation: 240.64 ft (73.41 m) msl
Sp. conductance: 141 µS/cm
Water evacuated before sampling: 68 gal
Time: 11:50
pH: 6.3
Alkalinity: 43 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total alpha-emitting radium | 1.1E-09 ± 6.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.4E-05 ± 8.0E-07 | | µCi/mL | GE |

## WELL ZDT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: 22.45 ft (6.84 m) below TOC
Water elevation: 242.55 ft (73.93 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 46 gal
Time: 11:35
pH: 5.3
Alkalinity: 4 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Radium-226 | 7.4E-10 ± 4.4E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 9.7E-10 ± 3.7E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.1E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 9.0E-10 ± 7.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 6.0E-10 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-05 ± 7.0E-07 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-05 ± 7.0E-07 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-05 ± 5.4E-06 | | µCi/mL | TM |
| 2 | Tritium | 2.3E-05 ± 5.5E-06 | | µCi/mL | TM |

## WELL ZDT 2 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/92
Depth to water: 22.45 ft (6.84 m) below TOC
Water elevation: 242.55 ft (73.93 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 46 gal
Time: 11:35
pH: 5.3
Alkalinity: 4 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Radium-226 | 1.0E-09 ± 3.7E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.3E-09 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 2 | Tritium | 2.2E-05 ± 7.0E-07 | | µCi/mL | GE |
| 2 | Tritium | 2.3E-05 ± 5.5E-06 | | µCi/mL | TM |

## WELL ZW 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Inaccessibility or mechanical problem prevented sample collection.

## WELL ZW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 81.00 ft (24.69 m) below TOC
Water elevation: 208.00 ft (63.40 m) msl
Sp. conductance: 150 µS/cm
No water was evacuated before sampling.
Time: 10:40
pH: 6.3
Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 3.6E-09 ± 1.7E-09 | | µCi/mL | GE |
| 2 | Tritium | 1.2E-04 ± 1.7E-06 | | µCi/mL | GE |

## WELL ZW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 55.00 ft (16.76 m) below TOC
Water elevation: 204.39 ft (62.30 m) msl
Sp. conductance: 42 µS/cm
No water was evacuated before sampling.
Time: 11:00
pH: 7.3
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 5.0E-09 ± 2.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 5.2E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.5E-06 ± 4.0E-07 | | µCi/mL | GE |

## WELL ZW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 41.50 ft (12.65 m) below TOC
Water elevation: 233.30 ft (71.11 m) msl
Sp. conductance: 178 µS/cm
No water was evacuated before sampling.
Time: 10:20
pH: 5.8
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 3.6E-09 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.7E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Tritium | 6.9E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL ZW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 50.00 ft (15.24 m) below TOC
Water elevation: 227.80 ft (69.43 m) msl
Sp. conductance: 118 µS/cm
No water was evacuated before sampling.
Time: 10:10
pH: 5.7
Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Tritium | 1.2E-05 ± 6.0E-07 | | µCi/mL | GE |

## WELL ZW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Depth to water: 53.50 ft (16.31 m) below TOC
Water elevation: 214.60 ft (65.41 m) msl
Sp. conductance: 142 µS/cm
No water was evacuated before sampling.
Time: 12:20
pH: 6.0
Water temperature: 23.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Gross alpha | 2.8E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Tritium | 9.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 8.4E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL ZW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/92
Inaccessibility or mechanical problem prevented sample collection.

## WELL ZBG 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92
Depth to water: 9.16 ft (2.79 m) below TOC
Water elevation: 281.84 ft (85.91 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 9:15
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 4.1 | J2 | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Manganese | 2.2 | | µg/L | GE |
| 0 | Manganese | 2.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 8.3E-08 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 7.6E-08 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL ZBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92
Depth to water: 54.59 ft (16.64 m) below TOC
Water elevation: 223.41 ft (68.10 m) msl
Sp. conductance: 9 µS/cm
Water evacuated before sampling: 33 gal

Time: 14:45
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 920 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 7.0E-07 | | µCi/mL | GE |

WELL ZBG 1 collected on 08/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <8.0E-10 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.9E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.0E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 1.6E-09 ± 4.9E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.7E-09 ± 4.8E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 7.0E-10 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.0E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | 1.8E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 8.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 1.7E-06 | | µCi/mL | TM |
| 0 | Uranium-235 | <1.5E-06 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL ZBG 1 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92
Depth to water: 56.13 ft (17.11 m) below TOC
Water elevation: 234.97 ft (71.62 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 39 gal
Time: 8:40
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Antimony | <2.6 | | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 9.2 | | µg/L | GE |
| 0 | Barium | 7.5 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |

WELL ZBG 1 collected on 08/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Dichloromethane | 2.9 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Lead | 4.0 | | µg/L | GE |
| 0 | Lead | 5.1 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 961 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,820 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.6E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 1.9E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.0E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.0E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.8E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 1.2E-09 ± 4.4E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <7.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <7.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | 1.1E-09 ± 7.0E-10 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 1.8E-06 | | µCi/mL | TM |
| 0 | Uranium-235 | <1.5E-06 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | CN |

## WELL YSC 4C Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 10:35
Depth to water: 61.15 ft (18.64 m) below TOC — pH: 5.0
Water elevation: 228.45 ft (69.63 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | JQ | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <8.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 1.3E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 1.2E-09 ± 4.1E-10 | | µCi/mL | TM |
| 0 | Radium-226 | <5.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.1E-05 ± 1.8E-06 | | µCi/mL | TM |
| 1 | Tritium | 1.1E-05 ± 1.8E-06 | | µCi/mL | TM |

## WELL YSC 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92 — Time: 15:45
Depth to water: 96.69 ft (29.53 m) below TOC — pH: 7.4
Water elevation: 178.01 ft (54.26 m) msl — Alkalinity: 71 mg/L
Sp. conductance: 203 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 163 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 6.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL ZBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 8:40
Depth to water: 56.13 ft (17.11 m) below TOC — pH: 5.3
Water elevation: 234.97 ft (71.62 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony | <2.0 | | µg/L | GE |
| 2 | Antimony | 8.0 | J3 | µg/L | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 9.3 | | µg/L | GE |
| 0 | Barium | 15 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 1.3 | J3 | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |

WELL ZBG 1 collected on 08/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 4.0 | J2 | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Lead | 3.4 | | µg/L | GE |
| 0 | Lead | 6.2 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,080 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,650 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | | µg/L | GE |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Nitrite as nitrogen | <10 | JQ | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

## WELL YSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 — Time: 10:25
Depth to water: 23.24 ft (7.08 m) below TOC — pH: 5.1
Water elevation: 121.36 ft (36.99 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 103 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 62 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | Specific conductance | 82 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 13 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,500 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 11,400 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 56 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GF |
| 0 | Magnesium | 507 | | µg/L | GE |
| 0 | Manganese | 7.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 6.7 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 2,520 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 873 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,490 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 17,200 | | µg/L | GE |
| 0 | Sulfate | 5,320 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 71,000 | V | µg/L | GE |
| 2 | Total inorganic carbon | 13,700 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Zinc | 7.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.8E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.8E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL YSC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92 — Time: 15:30
Depth to water: 107.17 ft (32.67 m) below TOC
Water elevation: 163.72 ft (49.90 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL YSC 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92 — Time: 15:25
Depth to water: 56.91 ft (17.35 m) below TOC — pH: 6.0
Water elevation: 217.49 ft (66.29 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 1 | Gross alpha | 1.2E-08 ± 3.1E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 7.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 6.4E-08 ± 6.0E-07 | | µCi/mL | GE |

## WELL YSC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92 — Time: 15:10
Depth to water: 120.68 ft (36.78 m) below TOC — pH: 11.0
Water elevation: 163.02 ft (49.69 m) msl — Alkalinity: 170 mg/L
Sp. conductance: 679 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Gross alpha | 2.4E-09 ± 1.8E-09 | | µCi/mL | GE |
| 1 | Total alpha-emitting radium | 2.6E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

## WELL YSC 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 9:55
Depth to water: 66.58 ft (20.29 m) below TOC — pH: 6.0
Water elevation: 217.42 ft (66.27 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 53 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.9E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.0E-08 ± 6.0E-07 | | µCi/mL | GE |

## WELL YSC 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 10:35
Depth to water: 61.15 ft (18.64 m) below TOC — pH: 5.0
Water elevation: 228.45 ft (69.63 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic halogens | 6.7 | | µg/L | GE |
| 0 | Total organic halogens | <10 | JQ | µg/L | WA |
| 0 | Total organic halogens | <10 | JQ | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <8.0E-10 | | µCi/mL | TM |
| 0 | Gross alpha | <8.0E-10 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 1.5E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 7.3E-10 ± 3.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 6.0E-10 ± 8.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 1 | Tritium | 1.0E-05 ± 7.0E-07 | | µCi/mL | GE |
| 1 | Tritium | 1.2E-05 ± 1.7E-06 | | µCi/mL | TM |

WELL YSB 2A collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 48 | | µg/L | GE |
| 0 | Iron | 48 | | µg/L | GE |
| 0 | Iron | 52 | | µg/L | WA |
| 0 | Lead | 3.7 | | µg/L | GE |
| 0 | Lead | 3.8 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Magnesium | 721 | | µg/L | GE |
| 0 | Magnesium | 723 | | µg/L | GE |
| 0 | Magnesium | 707 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 2.1 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | Nickel | 5.5 | | µg/L | GE |
| 0 | Nickel | 5.9 | | µg/L | GE |
| 0 | Nickel | 5.2 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,480 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 2,220 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 951 | | µg/L | GE |
| 0 | Potassium | 920 | | µg/L | GE |
| 0 | Potassium | 824 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,240 | | µg/L | GE |
| 0 | Silica | 8,270 | | µg/L | GE |
| 0 | Silica | 8,050 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 9,000 | | µg/L | GE |
| 0 | Sodium | 9,060 | | µg/L | GE |
| 0 | Sodium | 8,650 | | µg/L | WA |
| 0 | Sulfate | 2,990 | | µg/L | GE |
| 0 | Sulfate | 2,930 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 46,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 43,000 | | µg/L | WA |
| 0 | Total dissolved solids | 43,000 | | µg/L | WA |
| 1 | Total inorganic carbon | 8,550 | | µg/L | GE |
| 2 | Total inorganic carbon | 11,700 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 29 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.59 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Zinc | 3.1 | | µg/L | GE |
| 0 | Zinc | 3.1 | | µg/L | GE |
| 0 | Zinc | 6.6 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 8.0E-10 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 6.4E-10 ± 2.9E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 4.2E-10 ± 2.5E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 7.0E-10 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 2.5E-06 ± 9.4E-07 | | µCi/mL | TM |

## WELL YSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 11:00
Depth to water: 21.15 ft (6.45 m) below TOC pH: 8.2
Water elevation: 122.75 ft (37.41 m) msl Alkalinity: 65 mg/L
Sp. conductance: 267 µS/cm Water temperature: 23.4°C
Water evacuated before sampling: 68 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | GE |
| 0 | Specific conductance | 240 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.6 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,820 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 14,300 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 3.4 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 71 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 436 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | 4.2 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,650 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 826 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 6,330 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 58,600 | | µg/L | GE |
| 0 | Sulfate | 18,300 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 176,000 | V | µg/L | GE |
| 2 | Total inorganic carbon | 19,800 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Zinc | <2.0 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | 1.0E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |

WELL YSB 2A collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | 1.1 | | µg/L | GE |
| 0 | Chloroform | 1.0 | J | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 1.1 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | Dichloromethane | 4.5 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | 1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 45 | | µg/L | GE |
| 0 | Iron | 48 | | µg/L | WA |
| 0 | Lead | 4.2 | | µg/L | GE |
| 0 | Lead | 3.5 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Magnesium | 727 | | µg/L | GE |
| 0 | Magnesium | 671 | | µg/L | WA |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Manganese | 2.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | Nickel | 5.0 | | µg/L | GE |
| 0 | Nickel | 10 | J3 | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,630 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 1,990 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 984 | | µg/L | GE |
| 0 | Potassium | 731 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 8,060 | | µg/L | GE |
| 0 | Silica | 7,600 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 1.7 | J3 | µg/L | WA |
| 0 | Sodium | 9,040 | | µg/L | GE |
| 0 | Sodium | 8,090 | | µg/L | WA |
| 0 | Sulfate | 15,700 | | µg/L | GE |
| 0 | Sulfate | 2,920 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 50,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 50,000 | | µg/L | WA |
| 0 | Total inorganic carbon | 2,490 | | µg/L | GE |
| 2 | Total inorganic carbon | 11,100 | | µg/L | WA |
| 1 | Total organic carbon | 5,580 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | 180 | | µg/L | GE |
| 0 | Total phosphates (as P) | 43 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | 0.59 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |

WELL YSB 2A collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Zinc | 2.5 | | µg/L | GE |
| 0 | Zinc | 6.6 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.3E-09 ± 1.4E-09 | | µCi/mL | TM |
| 0 | Gross alpha | 8.0E-10 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.3E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Radium-226 | 4.3E-10 ± 2.6E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 1.1E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <5.0E-10 | | µCi/mL | TM |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.4E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 2.6E-06 ± 1.0E-06 | | µCi/mL | TM |
| 0 | Tritium | 2.8E-06 ± 1.2E-06 | | µCi/mL | TM |

## WELL YSB 2A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 11:30
Depth to water: 21.82 ft (6.65 m) below TOC pH: 5.1
Water elevation: 122.88 ft (37.45 m) msl Alkalinity: 1 mg/L
Sp. conductance: 72 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | pH | 6.3 | JQ | pH | WA |
| 0 | Specific conductance | 65 | | µS/cm | GE |
| 0 | Specific conductance | 69 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Barium | 15 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,860 | | µg/L | GE |
| 0 | Calcium | 1,860 | | µg/L | GE |
| 0 | Calcium | 2,010 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 8,550 | | µg/L | GE |
| 0 | Chloride | 9,440 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | 1.0 | | µg/L | GE |
| 0 | Chloroform | 1.1 | J | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Copper | 1.9 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.7 | | µg/L | GE |
| 0 | Dichloromethane | 2.1 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.2 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.3 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |

WELL XSB 5A collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 7.1E-09 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.1E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.1E-09 ± 2.7E-10 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 2.0E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.4E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | 2.0E-09 ± 2.8E-10 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | 2.0E-09 ± 2.8E-10 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL YSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92
Depth to water: 23.93 ft (7.29 m) below TOC
Water elevation: 121.57 ft (37.05 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 61 gal
Time: 9:50
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Specific conductance | 32 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 10 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,600 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,800 | | µg/L | GE |
| 0 | Chloride | 2,840 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | JQ6 | µg/L | GE |

WELL YSB 1A collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 380 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,420 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 946 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,160 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,340 | | µg/L | GE |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 31,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 33,000 | V | µg/L | GE |
| 0 | Total inorganic carbon | 3,370 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | JQ6 | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Zinc | 2.8 | | µg/L | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.5E-06 ± 5.0E-07 | | µCi/mL | GE |

## WELL YSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92
Depth to water: 21.82 ft (6.65 m) below TOC
Water elevation: 122.68 ft (37.45 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 66 gal
Time: 11:30
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | pH | 6.4 | JQ | pH | WA |
| 0 | pH | 6.4 | JQ | pH | WA |
| 0 | Specific conductance | 62 | | µS/cm | GE |
| 0 | Specific conductance | 65 | JQ | µS/cm | WA |
| 0 | Specific conductance | 66 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 15 | | µg/L | GE |
| 0 | Barium | 14 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,870 | | µg/L | GE |
| 0 | Calcium | 1,900 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 8,550 | | µg/L | GE |
| 0 | Chloride | 9,490 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |

WELL XSB 3A collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92
Depth to water: 55.44 ft (16.90 m) below TOC
Water elevation: 99.48 ft (30.32 m) msl
Sp. conductance: 131 µS/cm
Water evacuated before sampling: 51 gal
Time: 12:15
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 37 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,140 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 7,400 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.6 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,130 | V | µg/L | GE |
| 1 | Manganese | 26 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 7,600 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 7,800 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,510 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,630 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 15,500 | | µg/L | GE |
| 0 | Sulfate | 5,480 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 90,000 | V | µg/L | GE |
| 2 | Total inorganic carbon | 17,400 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 6.7 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 5.7 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.6E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |

WELL XSB 4D collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.3E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL XSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92
Depth to water: 13.58 ft (4.14 m) below TOC
Water elevation: 98.42 ft (30.00 m) msl
Sp. conductance: 102 µS/cm
Water evacuated before sampling: 54 gal
Time: 12:45
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | pH | 5.1 | JQ | pH | GE |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 0 | Specific conductance | 80 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,330 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 5,650 | | µg/L | GE |
| 0 | Chloride | 5,550 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.1 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 4.1 | | µg/L | GE |
| 1 | Lead | 11 | | µg/L | GE |
| 1 | Lead | 11 | | µg/L | GE |
| 0 | Magnesium | 485 | V | µg/L | GE |
| 0 | Manganese | 8.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,400 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,290 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,740 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 12,600 | | µg/L | GE |
| 0 | Sulfate | 10,600 | | µg/L | GE |
| 0 | Sulfate | 10,600 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 72,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 67,000 | V | µg/L | GE |
| 1 | Total inorganic carbon | 6,550 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |

## WELL XSB 3A Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92
Depth to water: 56.35 ft (17.18 m) below TOC
Water elevation: 100.65 ft (30.68 m) msl
Sp. conductance: 124 µS/cm
Water evacuated before sampling: 100 gal

Time: 9:20
pH: 5.5
Alkalinity: 6 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | pH | 7.0 | JQ | pH | WA |
| 0 | Specific conductance | 115 | | µS/cm | GE |
| 0 | Specific conductance | 122 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 22 | | µg/L | GE |
| 0 | Barium | 23 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.38 | J3 | µg/L | WA |
| 0 | Calcium | 6,940 | J2 | µg/L | GE |
| 0 | Calcium | 7,530 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 6,700 | | µg/L | GE |
| 0 | Chloride | 7,540 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | 1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.6 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | Dichloromethane | 6.6 | V | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 17 | | µg/L | GE |
| 0 | Iron | 19 | | µg/L | WA |
| 0 | Lead | 4.4 | | µg/L | GE |
| 1 | Lead | 8.7 | | µg/L | WA |
| 0 | Magnesium | 1,650 | V | µg/L | GE |
| 0 | Magnesium | 1,560 | | µg/L | WA |
| 2 | Manganese | 54 | | µg/L | GE |
| 2 | Manganese | 65 | | µg/L | WA |
| 0 | Mercury | 0.48 | | µg/L | GE |
| 0 | Mercury | 0.46 | | µg/L | WA |
| 1 | Nitrate as nitrogen | 5,650 | | µg/L | WA |
| 1 | Nitrate-nitrite as nitrogen | 8,200 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,650 | | µg/L | GE |
| 0 | Potassium | 1,740 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,540 | | µg/L | GE |
| 0 | Silica | 9,440 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 1.7 | J3 | µg/L | WA |
| 0 | Sodium | 14,000 | | µg/L | GE |
| 0 | Sodium | 12,900 | | µg/L | WA |
| 0 | Sulfate | 6,380 | | µg/L | GE |
| 0 | Sulfate | 6,580 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |

WELL XSB 3A collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 106,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 117,000 | | µg/L | WA |
| 0 | Total dissolved solids | 120,000 | | µg/L | WA |
| 2 | Total inorganic carbon | 13,000 | | µg/L | GE |
| 0 | Total inorganic carbon | 3,900 | JQ | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 536 | | µg/L | WA |
| 0 | Total organic halogens | 22 | | µg/L | GE |
| 1 | Total organic halogens | 28 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 84 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 28 | | µg/L | GE |
| 2 | Trichloroethylene | 25 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | 5.3E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 8.7E-09 ± 2.4E-09 | | µCi/mL | TM |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | CN |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 4.1E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | 3.5E-09 ± 4.4E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.6E-09 ± 5.3E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 1.9E-09 ± 5.2E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.8E-09 ± 1.5E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 7.0E-10 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 6.0E-10 ± 1.0E-09 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | CN |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <2.5E-08 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 1 | Total alpha-emitting radium | 2.5E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.0E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 3.3E-06 ± 1.2E-06 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | 1.3E-09 ± 4.0E-10 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |

# ANALYTICAL RESULTS

WELL XSB 3A collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <2.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <2.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <2.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <2.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <2.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | 3.0 | | µg/L | GE |
| 0 | Dichloromethane | 6.1 | V | µg/L | WA |
| 0 | Dichloromethane | 5.6 | V | µg/L | WA |
| 0 | Dichloromethane | 7.0 | V | µg/L | WA |
| 0 | 1,2-Dichloropropane | <2.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <2.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <2.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <2.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 63 | | µg/L | GE |
| 0 | Iron | 14 | | µg/L | WA |
| 0 | Lead | 3.5 | | µg/L | GE |
| 1 | Lead | 8.6 | | µg/L | WA |
| 0 | Magnesium | 1,680 | V | µg/L | GE |
| 0 | Magnesium | 1,500 | | µg/L | WA |
| 2 | Manganese | 64 | | µg/L | GE |
| 2 | Manganese | 60 | | µg/L | WA |
| 0 | Mercury | 0.48 | | µg/L | GE |
| 0 | Mercury | 0.49 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 4,720 | | µg/L | WA |
| 1 | Nitrate-nitrite as nitrogen | 9,200 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,600 | | µg/L | GE |
| 0 | Potassium | 1,510 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,750 | | µg/L | GE |
| 0 | Silica | 9,030 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 14,400 | | µg/L | GE |
| 0 | Sodium | 12,600 | | µg/L | WA |
| 0 | Sulfate | 6,690 | | µg/L | GE |
| 0 | Sulfate | 6,600 | | µg/L | WA |
| 0 | Sulfate | 6,600 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <2.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <2.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 104,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 120,000 | | µg/L | WA |
| 2 | Total inorganic carbon | 14,800 | | µg/L | GE |
| 0 | Total inorganic carbon | 3,810 | JQ | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 2,720 | | µg/L | WA |
| 0 | Total organic halogens | 19 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | JQ | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <2.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <2.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 28 | | µg/L | GE |
| 2 | Trichloroethylene | 25 | | µg/L | WA |

WELL XSB 3A collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 2 | Trichloroethylene | 24 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <2.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | 4.8E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 3.7E-09 ± 1.9E-09 | | µCi/mL | TM |
| 0 | Gross alpha | 6.7E-09 ± 2.5E-09 | | µCi/mL | TM |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | CN |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 6.4E-09 ± 1.9E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 4.2E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | 2.2E-09 ± 3.6E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | 1.3E-09 ± 4.1E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 1.4E-09 ± 4.7E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 6.0E-10 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | 5.3E-09 ± 8.0E-10 | V | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | 2.0E-09 ± 9.2E-10 | | µCi/mL | CN |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | 1.4E-09 ± 8.8E-10 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | 2.2E-09 ± 1.3E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.9E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 3.1E-06 ± 9.8E-07 | | µCi/mL | TM |
| 0 | Tritium | 3.2E-06 ± 1.1E-06 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

WELL XSB 1D collected on 09/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.7E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 4.1E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL XSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 55.28 ft (16.85 m) below TOC
Water elevation: 99.52 ft (30.33 m) msl
Sp. conductance: 224 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 9:50
pH: 7.0
Alkalinity: 44 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 7.3 | JQ | pH | GE |
| 0 | Specific conductance | 230 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 71 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 24,800 | | µg/L | GE |
| 2 | Carbon tetrachloride | 13 | | µg/L | GE |
| 0 | Chloride | 5,290 | | µg/L | GE |
| 0 | Chloride | 5,290 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,490 | | µg/L | GE |
| 1 | Manganese | 28 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 12,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,180 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 15,400 | | µg/L | GE |
| 0 | Sulfate | 3,140 | | µg/L | GE |
| 0 | Sulfate | 3,140 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Total dissolved solids | 162,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 168,000 | V | µg/L | GE |
| 1 | Total inorganic carbon | 9,480 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 111 | | µg/L | GE |
| 2 | Total organic halogens | 125 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 161 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.2E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |

WELL XSB 2D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.3E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.3E-09 ± 2.5E-10 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.6E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92
Depth to water: 56.35 ft (17.18 m) below TOC
Water elevation: 100.65 ft (30.68 m) msl
Sp. conductance: 124 µS/cm
Water evacuated before sampling: 100 gal

Time: 9:20
pH: 5.5
Alkalinity: 6 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | GE |
| 0 | pH | 7.1 | JQ | pH | WA |
| 0 | pH | 7.1 | JQ | pH | WA |
| 0 | Specific conductance | 105 | | µS/cm | GE |
| 0 | Specific conductance | 125 | JQ | µS/cm | WA |
| 0 | Specific conductance | 126 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 23 | | µg/L | GE |
| 0 | Barium | 21 | J3 | µg/L | WA |
| 0 | Benzene | <2.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <2.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <2.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <2.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 7,190 | J2 | µg/L | GE |
| 0 | Calcium | 7,470 | | µg/L | WA |
| 0 | Carbon tetrachloride | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 6,850 | | µg/L | GE |
| 0 | Chloride | 7,600 | | µg/L | WA |
| 0 | Chlorobenzene | <2.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <2.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <2.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <2.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <2.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <2.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | 12 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL XSB 1B collected on 09/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,410 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,640 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 633 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 646 | V | µg/L | GE |
| 0 | Manganese | 16 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,470 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 24,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,560 | | µg/L | GE |
| 0 | Sulfate | 6,940 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 44,000 | | µg/L | GE |
| 1 | Total inorganic carbon | 5,760 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 1 | Radium-228 | 4.8E-09 ± 1.6E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL XSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/92 Time: 12:50
Depth to water: 56.10 ft (17.10 m) below TOC pH: 4.6
Water elevation: 99.90 ft (30.45 m) msl Alkalinity: 0 mg/L
Sp. conductance: 101 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 50 | | µg/L | GE |
| 0 | Benzene | <2.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <2.0 | | µg/L | GE |
| 0 | Bromoform | <2.0 | | µg/L | GE |
| 0 | Bromomethane | <2.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,540 | J2 | µg/L | GE |
| 2 | Carbon tetrachloride | 25 | | µg/L | GE |
| 0 | Chloride | 4,660 | | µg/L | GE |
| 0 | Chlorobenzene | <2.0 | | µg/L | GE |
| 0 | Chloroethane | <2.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <2.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <2.0 | | µg/L | GE |
| 0 | Chloroform | <2.0 | | µg/L | GE |
| 0 | Chloromethane | <2.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <2.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <2.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <2.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <2.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <2.0 | | µg/L | GE |
| 0 | Dichloromethane | 7.8 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <2.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <2.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <2.0 | | µg/L | GE |
| 0 | Ethylbenzene | <2.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 18 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 1,570 | V | µg/L | GE |
| 1 | Manganese | 39 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 8,200 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 8,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,750 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 10,000 | | µg/L | GE |
| 0 | Sulfate | 2,680 | | µg/L | GE |
| 0 | Sulfate | 2,650 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <2.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <2.0 | | µg/L | GE |
| 0 | Toluene | <2.0 | | µg/L | GE |
| 0 | Total dissolved solids | 90,000 | | µg/L | GE |
| 0 | Total dissolved solids | 88,000 | | µg/L | GE |
| 2 | Total inorganic carbon | 12,600 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 2 | Total organic halogens | 97 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <2.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <2.0 | | µg/L | GE |
| 2 | Trichloroethylene | 127 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <2.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 1.4E-07 ± 9.9E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 2 | Nonvolatile beta | 2.7E-07 ± 6.8E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.7E-09 ± 3.2E-10 | | µCi/mL | GP |
| 2 | Radium-228 | 1.6E-08 ± 6.8E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |

WELL TNX 12D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.6E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 3.0E-09 ± 1.2E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | 2.1E-09 ± 1.4E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.6E-09 ± 1.2E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL XSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/92
Depth to water: 56.52 ft (17.23 m) below TOC
Water elevation: 99.48 ft (30.32 m) msl
Sp. conductance: 154 µS/cm
Water evacuated before sampling: 147 gal
Time: 12:35
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 149 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 22 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,590 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 5,510 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.8 | | µg/L | GE |

WELL XSB 1A collected on 09/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 8.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 602 | V | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Mercury | 0.24 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 12,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 982 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 9,120 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 25,500 | | µg/L | GE |
| 0 | Sulfate | 3,720 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 113,000 | | µg/L | GE |
| 2 | Total inorganic carbon | 12,900 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 1 | Radium-228 | 7.8E-09 ± 9.2E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 1 | Total alpha-emitting radium | 2.7E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.8E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL XSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/92
Depth to water: 53.97 ft (16.45 m) below TOC
Water elevation: 101.93 ft (31.07 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 98 gal
Time: 12:05
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 36 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 21 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL TNX 10D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.2E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 3.3E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | 4.4E-09 ± 5.5E-10 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | 4.7E-09 ± 5.8E-10 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TNX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 6.49 ft (1.98 m) below TOC
Water elevation: 93.31 ft (28.44 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 53 gal
Time: 13:15
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | Specific conductance | 49 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 26 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,170 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,480 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | 8.4 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 1 | Iron | 169 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 719 | | µg/L | GE |
| 0 | Manganese | 23 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 220 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,050 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 16,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,330 | | µg/L | GE |
| 0 | Sulfate | 13,000 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 43,000 | V | µg/L | GE |
| 0 | Total inorganic carbon | 1,500 | | µg/L | GE |
| 1 | Total organic carbon | 5,090 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 4.6 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.8E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |

WELL TNX 11D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 3.3E-09 ± 1.2E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.7E-06 ± 4.6E-06 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 4.67 ft (1.42 m) below TOC
Water elevation: 94.53 ft (28.81 m) msl
Sp. conductance: 68 µS/cm
Water evacuated before sampling: 56 gal
Time: 16:50
pH: 5.8
Alkalinity: 18 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | Specific conductance | 62 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 29 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 5,640 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,620 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 11 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,790 | | µg/L | GE |
| 1 | Manganese | 45 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 100 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 3,040 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 5,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,470 | | µg/L | GE |
| 0 | Sulfate | 4,940 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 38,000 | V | µg/L | GE |
| 1 | Total inorganic carbon | 7,440 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |

WELL TNX 9D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 2.3E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.4E-09 ± 1.5E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 4.7E-10 ± 2.7E-10 | | µCi/mL | TM |
| 1 | Radium-228 | 7.4E-09 ± 1.5E-09 | | µCi/mL | GP |
| 1 | Radium-228 | 6.2E-09 ± 1.4E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <6.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.7E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.2E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL TNX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 8.86 ft (2.70 m) below TOC
Water elevation: 93.44 ft (28.48 m) msl
Sp. conductance: 167 µS/cm
Water evacuated before sampling: 43 gal
Time: 14:40
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.4 | JQ | pH | GE |
| 0 | Specific conductance | 140 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 31 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,470 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | GE |
| 0 | Chloride | 5,800 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 31 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 902 | | µg/L | GE |
| 2 | Manganese | 77 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 12,800 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,070 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,100 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 26,200 | | µg/L | GE |
| 0 | Sulfate | 12,400 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Total dissolved solids | 110,000 | V | µg/L | GE |
| 2 | Total inorganic carbon | 13,200 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 1 | Total organic halogens | 25 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.060 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 40 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 6.5E-09 ± 2.3E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 4.0E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 1.2E-09 ± 9.0E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | 3.7E-09 ± 1.1E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |

# ANALYTICAL RESULTS

WELL TNX 9D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Plutonium-238/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 2.8E-10 ± 2.1E-10 | | µCi/mL | TM |
| 1 | Radium-226 | 7.2E-09 ± 1.5E-09 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 2.1E-09 ± 1.1E-09 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.8E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | <5.1E-07 | | µCi/mL | TM |
| 0 | Tritium | <5.2E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL TNX 9D Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 8.15 ft (2.48 m) below TOC
Water elevation: 93.55 ft (28.51 m) msl
Sp. conductance: 157 µS/cm
Water evacuated before sampling: 48 gal

Time: 16:05
pH: 5.2
Alkalinity: 7 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | Specific conductance | 140 | | µS/cm | GE |
| 0 | Specific conductance | 136 | JQ | µS/cm | WA |
| 0 | Arsenic | 2.5 | | µg/L | GE |
| 0 | Arsenic | 2.8 | J3 | µg/L | WA |
| 0 | Barium | 32 | | µg/L | GE |
| 0 | Barium | 28 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.78 | J3 | µg/L | WA |
| 0 | Calcium | 5,950 | | µg/L | GE |
| 0 | Calcium | 5,840 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 4,800 | | µg/L | GE |
| 0 | Chloride | 5,190 | JQ | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |

WELL TNX 9D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 3.1 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | JQ | µg/L | WA |
| 0 | Fluoride | <100 | JQ | µg/L | WA |
| 2 | Iron | 433 | | µg/L | GE |
| 2 | Iron | 383 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 3.1 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.057 | | µg/L | WA |
| 0 | Magnesium | 1,120 | | µg/L | GE |
| 0 | Magnesium | 968 | | µg/L | WA |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.57 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 631 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 3,150 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,270 | | µg/L | GE |
| 0 | Potassium | 1,290 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 16,300 | | µg/L | GE |
| 0 | Silica | 14,600 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 22,300 | | µg/L | GE |
| 0 | Sodium | 16,100 | | µg/L | WA |
| 0 | Sulfate | 34,900 | | µg/L | GE |
| 0 | Sulfate | 36,000 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 104,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 131,000 | | µg/L | WA |
| 0 | Total dissolved solids | 130,000 | | µg/L | WA |
| 2 | Total inorganic carbon | 13,200 | | µg/L | GE |
| 2 | Total inorganic carbon | 16,400 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | 836 | | µg/L | WA |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 27 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 6.9 | | µg/L | GE |
| 2 | Trichloroethylene | 6.7 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |

WELL TNX 8D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 1.2E-09 ± 9.0E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.1E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 8.15 ft (2.48 m) below TOC
Water elevation: 93.55 ft (28.51 m) msl
Sp. conductance: 157 µS/cm
Water evacuated before sampling: 48 gal

Time: 16:05
pH: 5.2
Alkalinity: 7 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | pH | 6.9 | JQ | pH | WA |
| 0 | Specific conductance | 132 | | µS/cm | GE |
| 0 | Specific conductance | 132 | | µS/cm | GE |
| 0 | Specific conductance | 137 | JQ | µS/cm | WA |
| 0 | Specific conductance | 136 | JQ | µS/cm | WA |
| 0 | Arsenic | 2.8 | | µg/L | GE |
| 0 | Arsenic | 3.3 | J3 | µg/L | WA |
| 0 | Barium | 32 | | µg/L | GE |
| 0 | Barium | 29 | J3 | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 1.6 | J3 | µg/L | WA |
| 0 | Calcium | 5,780 | | µg/L | GE |
| 0 | Calcium | 5,560 | | µg/L | WA |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <5.0 | | µg/L | WA |
| 0 | Chloride | 4,830 | | µg/L | GE |
| 0 | Chloride | 5,320 | JQ | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 1.5 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | JV | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.2 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.12 | | µg/L | WA |
| 0 | Endrin | <0.23 | | µg/L | WA |

WELL TNX 9D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | JQ | µg/L | WA |
| 2 | Iron | 429 | | µg/L | GE |
| 2 | Iron | 413 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 4.7 | J3 | µg/L | WA |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.058 | | µg/L | WA |
| 0 | Lindane | <0.12 | | µg/L | WA |
| 0 | Magnesium | 1,090 | | µg/L | GE |
| 0 | Magnesium | 947 | | µg/L | WA |
| 0 | Manganese | 19 | | µg/L | GE |
| 0 | Manganese | 18 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.58 | | µg/L | WA |
| 0 | Methoxychlor | <1.2 | | µg/L | WA |
| 0 | Methoxychlor | <1.2 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 2,140 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 4,000 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 1,240 | | µg/L | GE |
| 0 | Potassium | 759 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 16,200 | | µg/L | GE |
| 0 | Silica | 14,300 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 22,000 | | µg/L | GE |
| 0 | Sodium | 17,300 | | µg/L | WA |
| 0 | Sulfate | 35,700 | | µg/L | GE |
| 0 | Sulfate | 33,800 | | µg/L | GE |
| 0 | Sulfate | 36,400 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 104,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 127,000 | | µg/L | WA |
| 2 | Total inorganic carbon | 14,000 | | µg/L | GE |
| 2 | Total inorganic carbon | 16,800 | | µg/L | WA |
| 0 | Total organic carbon | <5,000 | | µg/L | GE |
| 0 | Total organic carbon | 538 | | µg/L | WA |
| 0 | Total organic halogens | 6.2 | | µg/L | GE |
| 0 | Total organic halogens | 6.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 48 | | µg/L | WA |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <1.2 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | Toxaphene | <2.3 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 6.5 | | µg/L | GE |
| 2 | Trichloroethylene | 7.0 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | 1.3E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Gross alpha | 1.3E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.3E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.6E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 3.4E-09 ± 1.7E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |

WELL TNX 7D collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | Dichloromethane | 2.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 23 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 616 | V | µg/L | GE |
| 0 | Manganese | 3.1 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 340 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,300 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 5,820 | | µg/L | GE |
| 0 | Sulfate | 8,240 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 51,000 | V | µg/L | GE |
| 2 | Total inorganic carbon | 11,500 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 2.1E-09 ± 3.2E-10 | | µCi/mL | GP |
| 0 | Radium-226 | 2.0E-09 ± 3.5E-10 | | µCi/mL | GP |
| 2 | Radium-228 | 8.0E-09 ± 3.9E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | 1.4E-09 ± 7.7E-10 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 7.4E-07 ± 5.0E-07 | | µCi/mL | GE |

WELL TNX 7D collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TNX 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 6.55 ft (2.00 m) below TOC
Water elevation: 83.75 ft (28.58 m) msl
Sp. conductance: 110 µS/cm
Water evacuated before sampling: 52 gal

Time: 15:30
pH: 5.2
Alkalinity: 8 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | GE |
| 0 | Specific conductance | 98 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 66 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 4,650 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 6,100 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 55 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,190 | | µg/L | GE |
| 0 | Manganese | 24 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 4,800 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,800 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,350 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 14,700 | | µg/L | GE |
| 0 | Sulfate | 8,180 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 76,000 | V | µg/L | GE |
| 2 | Total inorganic carbon | 17,200 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 6.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |

WELL TNX 5D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | 11 | | µg/L | GE |
| 0 | Total phosphates (as P) | 110 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.9E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 2.0E-09 ± 1.2E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.5E-09 ± 9.0E-10 | | µCi/mL | GE |
| 0 | Tritium | 1.8E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TNX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 42.86 ft (13.06 m) below TOC
Water elevation: 107.64 ft (32.81 m) msl
Sp. conductance: 192 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 10:30
pH: 5.1
Alkalinity: 7 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 185 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 30 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 11,600 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 25,600 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 2.7 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 314 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,590 | | µg/L | GE |
| 1 | Manganese | 42 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 7,400 | | µg/L | GE |

WELL TNX 6D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,550 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,400 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 26,200 | | µg/L | GE |
| 0 | Sulfate | 12,100 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 123,000 | V | µg/L | GE |
| 2 | Total inorganic carbon | 16,200 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 120 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.1E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.0E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.4E-09 ± 2.9E-10 | | µCi/mL | GP |
| 0 | Radium-228 | 1.1E-09 ± 1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 2.1E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TNX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92
Depth to water: 48.82 ft (14.88 m) below TOC
Water elevation: 102.08 ft (31.11 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 48 gal

Time: 15:20
pH: 5.2
Alkalinity: 7 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | Specific conductance | 49 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 20 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,170 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,150 | | µg/L | GE |
| 0 | Chloride | 2,180 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

WELL TNX 3D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 2 | Total alpha-emitting radium | 1.5E-08 ± 2.9E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.2E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | 2.6E-09 ± 4.0E-10 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | 2.5E-09 ± 3.9E-10 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TNX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 45.09 ft (13.74 m) below TOC
Water elevation: 104.71 ft (31.92 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 11:15
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 35 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 11 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,430 | | µg/L | GE |
| 0 | Carbon tetrachloride | 2.0 | | µg/L | GE |
| 0 | Chloride | 3,760 | | µg/L | GE |
| 0 | Chloride | 3,840 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.2 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | 179 | | µg/L | GE |
| 0 | Iron | 60 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 606 | | µg/L | GE |
| 0 | Manganese | 15 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,960 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,040 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,700 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,770 | | µg/L | GE |
| 0 | Sulfate | 1,260 | | µg/L | GE |
| 0 | Sulfate | 1,140 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | 1.5 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 42,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 42,000 | V | µg/L | GE |
| 1 | Total inorganic carbon | 6,320 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 800 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |

WELL TNX 4D collected on 09/17/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.7E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.7E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 1 | Radium-228 | 7.6E-09 ± 1.4E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.4E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 5.2E-06 ± 6.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TNX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 42.24 ft (12.87 m) below TOC
Water elevation: 107.06 ft (32.63 m) msl
Sp. conductance: 114 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 10:50
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 118 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 30 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 6,340 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 12,100 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 90 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 1,270 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 1 | Nitrate-nitrite as nitrogen | 5,400 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,510 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 11,200 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 16,800 | | µg/L | GE |
| 0 | Sulfate | 8,010 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 88,000 | V | µg/L | GE |
| 2 | Total inorganic carbon | 20,900 | | µg/L | GE |

WELL TNX 2D collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 27 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 716 | | µg/L | GE |
| 2 | Manganese | 61 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,660 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 931 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 13,800 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 4,870 | | µg/L | GE |
| 0 | Sulfate | 7,280 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 40,000 | V | µg/L | GE |
| 0 | Total inorganic carbon | 4,230 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 2.2 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 1 | Radium-228 | 3.9E-09 ± 1.4E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | 2.7E-09 ± 1.4E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | 1.3E-09 ± 1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.2E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TNX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/92
Depth to water: 53.47 ft (16.30 m) below TOC
Water elevation: 100.83 ft (30.73 m) msl
Sp. conductance: 286 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 10:10
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | GE |
| 1 | Specific conductance | 282 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 243 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | GE |
| 0 | Bromomethane | <5.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 11,500 | | µg/L | GE |
| 2 | Carbon tetrachloride | 93 | | µg/L | GE |
| 0 | Chloride | 7,000 | | µg/L | GE |
| 0 | Chloride | 6,650 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | GE |
| 0 | Chloroethane | <5.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <5.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <5.0 | | µg/L | GE |
| 0 | Chloroform | 6.5 | | µg/L | GE |
| 0 | Chloromethane | <5.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | GE |
| 0 | Fluoride | 184 | | µg/L | GE |
| 0 | Iron | 108 | | µg/L | GE |
| 1 | Lead | 9.8 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 5,980 | | µg/L | GE |
| 2 | Manganese | 276 | | µg/L | GE |
| 0 | Mercury | 0.96 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 27,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 2,810 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 10,500 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 30,200 | | µg/L | GE |
| 0 | Sulfate | 1,790 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | GE |
| 2 | Tetrachloroethylene | 14 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | GE |
| 0 | Total dissolved solids | 218,000 | V | µg/L | GE |
| 2 | Total inorganic carbon | 10,800 | | µg/L | GE |
| 0 | Total organic carbon | 2,040 | | µg/L | GE |
| 2 | Total organic halogens | 627 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | GE |
| 2 | Trichloroethylene | 1,340 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 2 | Gross alpha | 2.2E-08 ± 3.8E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 2.5E-08 ± 4.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.1E-08 ± 2.7E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 2.2E-08 ± 2.7E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.1E-09 ± 2.7E-10 | | µCi/mL | GP |
| 1 | Radium-228 | 4.0E-09 ± 1.1E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |

WELL TBG 7 collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-08 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 3.8E-09 ± 1.5E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.5E-08 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TNX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92
Depth to water: 56.36 ft (17.18 m) below TOC
Water elevation: 100.14 ft (30.52 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 54 gal

Time: 10:45
pH: 5.5
Alkalinity: 8 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.2 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.9 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 2,380 | J2 | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,980 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <.100 | | µg/L | GE |
| 0 | Iron | 5.6 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Magnesium | 408 | V | µg/L | GE |
| 0 | Manganese | 20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 80 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 601 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 12,000 | | µg/L | GE |

WELL TNX 1D collected on 09/14/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,380 | | µg/L | GE |
| 0 | Sulfate | 1,620 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 30,000 | V | µg/L | GE |
| 1 | Total inorganic carbon | 8,440 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | 50 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 1.7E-09 ± 9.1E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92
Depth to water: 55.17 ft (16.82 m) below TOC
Water elevation: 99.83 ft (30.46 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 45 gal

Time: 14:05
pH: 5.3
Alkalinity: 5 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.9 | JQ | pH | GE |
| 0 | Specific conductance | 50 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 23 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,100 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 3,570 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.4 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |

## WELL TBG 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 12:50
Depth to water: 35.89 ft (10.94 m) below TOC pH: 5.0
Water elevation: 114.11 ft (34.78 m) msl Alkalinity: 1 mg/L
Sp. conductance: 34 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 116 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 18 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,790 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 1,780 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 2 | Iron | 634 | | µg/L | GE |
| 0 | Lead | 4.6 | | µg/L | GE |
| 0 | Magnesium | 673 | | µg/L | GE |
| 0 | Manganese | 14 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | <50 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,310 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 24,000 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 1,300 | | µg/L | GE |
| 0 | Sulfate | 6,720 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 44,000 | V | µg/L | GE |
| 0 | Total dissolved solids | 48,000 | V | µg/L | GE |
| 1 | Total inorganic carbon | 5,760 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 3.1E-09 ± 1.6E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |

WELL TBG 5B collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL TBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 14:45
Depth to water: 43.69 ft (13.32 m) below TOC
Water elevation: 104.41 ft (31.82 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/14/92 Time: 11:40
Depth to water: 38.02 ft (11.59 m) below TOC pH: 5.6
Water elevation: 107.78 ft (32.85 m) msl Alkalinity: 9 mg/L
Sp. conductance: 49 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.0 | JQ | pH | GE |
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 9.7 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 3,850 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,770 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 484 | | µg/L | GE |
| 0 | Manganese | <2.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 1,010 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 1,140 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,620 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 3,080 | | µg/L | GE |
| 0 | Sulfate | 2,120 | | µg/L | GE |
| 0 | Sulfate | 2,140 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 32,000 | V | µg/L | GE |
| 0 | Total inorganic carbon | 4,850 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | 2.3 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |

WELL TBG 1 collected on 09/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Radium-226 | 5.1E-09 ± 5.5E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 5.4E-09 ± 9.7E-10 | | µCi/mL | TM |
| 0 | Radium-226 | 5.6E-09 ± 9.9E-10 | | µCi/mL | TM |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.1E-09 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.3E-09 ± 1.3E-09 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | CN |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 2 | Total alpha-emitting radium | 8.9E-09 ± 1.9E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.6E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 3.0E-06 ± 6.8E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 13:30
Depth to water: 46.61 ft (14.21 m) below TOC
Water elevation: 104.59 ft (31.88 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 13:25
Depth to water: 47.12 ft (14.36 m) below TOC
Water elevation: 104.18 ft (31.75 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL TBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 12:30
Depth to water: 44.74 ft (13.64 m) below TOC
Water elevation: 104.66 ft (31.90 m) msl
Inaccessibility or mechanical problem prevented sample collection.

## WELL TBG 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/92 Time: 13:10
Depth to water: 44.98 ft (13.71 m) below TOC pH: 5.0
Water elevation: 104.42 ft (31.83 m) msl Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 153 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

WELL TBG 5A collected on 09/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | 14 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Calcium | 1,580 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chloride | 2,880 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.3 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Iron | 15 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Magnesium | 398 | | µg/L | GE |
| 0 | Manganese | 21 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Nitrate-nitrite as nitrogen | 860 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Potassium | 864 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silica | 8,980 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Sodium | 2,750 | | µg/L | GE |
| 0 | Sulfate | 8,370 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total dissolved solids | 25,000 | V | µg/L | GE |
| 0 | Total inorganic carbon | 4,800 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 3.2E-09 ± 1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Total alpha-emitting radium | <1.0E-09 | | µCi/mL | GE |
| 0 | Tritium | 3.6E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

WELL TBG 1 collected on 09/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | GP |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | CN |
| 0 | Technetium-99 | <3.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-228 | <4.0E-07 | | µCi/mL | CN |
| 0 | Thorium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-230 | <1.0E-09 | | µCi/mL | CN |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | GP |
| 0 | Thorium-232 | <1.0E-09 | | µCi/mL | CN |
| 2 | Total alpha-emitting radium | 6.9E-09 ± 1.6E-09 | | µCi/mL | GE |
| 0 | Tritium | 2.4E-06 ± 5.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 3.0E-06 ± 5.5E-07 | | µCi/mL | TM |
| 0 | Tritium | 3.0E-06 ± 5.5E-07 | | µCi/mL | TM |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-234 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-235 | <1.5E-08 | | µCi/mL | CN |
| 0 | Uranium-235 | <1.0E-09 | | µCi/mL | CN |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Uranium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <8.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <1.0E-08 | | µCi/mL | CN |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.3E-08 | | µCi/mL | CN |

## WELL TBG 1 Replicate

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/92
Depth to water: 49.74 ft (15.16 m) below TOC
Water elevation: 101.46 ft (30.93 m) msl
Sp. conductance: 149 µS/cm
Water evacuated before sampling: 61 gal

Time: 11:30
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Specific conductance | 109 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 119 | | µg/L | GE |
| 0 | Barium | 101 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 3,320 | | µg/L | GE |
| 0 | Calcium | 3,010 | | µg/L | WA |
| 2 | Carbon tetrachloride | 19 | | µg/L | GE |
| 2 | Carbon tetrachloride | 18 | | µg/L | WA |
| 0 | Chloride | 5,980 | | µg/L | GE |
| 0 | Chloride | 6,610 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |

WELL TBG 1 collected on 09/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 21 | J2 | µg/L | GE |
| 0 | Iron | 30 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 2 | Lead | 16 | | µg/L | WA |
| 0 | Magnesium | 2,780 | | µg/L | GE |
| 0 | Magnesium | 2,380 | | µg/L | WA |
| 2 | Manganese | 83 | | µg/L | GE |
| 2 | Manganese | 70 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 1 | Nitrate as nitrogen | 6,720 | | µg/L | WA |
| 0 | Nitrate-nitrite as nitrogen | 2,500 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 2,780 | | µg/L | GE |
| 0 | Potassium | 2,350 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 13,900 | | µg/L | GE |
| 0 | Silica | 12,000 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 11,200 | | µg/L | GE |
| 0 | Sodium | 7,900 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 674 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 97,000 | | µg/L | GE |
| 0 | Total dissolved solids | 78,000 | | µg/L | WA |
| 2 | Total inorganic carbon | 11,100 | | µg/L | GE |
| 2 | Total inorganic carbon | 15,900 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 2 | Total organic halogens | 99 | | µg/L | GE |
| 2 | Total organic halogens | 146 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 34 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 213 | | µg/L | GE |
| 2 | Trichloroethylene | 201 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <8.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 2 | Gross alpha | 1.5E-08 ± 3.2E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 1.5E-08 ± 3.7E-09 | | µCi/mL | TM |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | CN |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 7.4E-09 ± 1.8E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 1.3E-08 ± 2.6E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 0 | Radium-226 | 1.3E-09 ± 2.8E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |

# ANALYTICAL RESULTS

WELL TBG 1 collected on 09/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Bromodichloromethane | <5.0 | | µg/L | WA |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <5.0 | | µg/L | WA |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <10 | | µg/L | WA |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Cadmium | 0.58 | J3 | µg/L | WA |
| 0 | Calcium | 3,100 | | µg/L | GE |
| 0 | Calcium | 2,910 | | µg/L | WA |
| 2 | Carbon tetrachloride | 20 | | µg/L | GE |
| 2 | Carbon tetrachloride | 19 | | µg/L | GE |
| 2 | Carbon tetrachloride | 19 | | µg/L | WA |
| 0 | Chloride | 5,860 | | µg/L | GE |
| 0 | Chloride | 6,570 | | µg/L | WA |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <5.0 | | µg/L | WA |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <10 | | µg/L | WA |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <10 | | µg/L | WA |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <10 | | µg/L | WA |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <5.0 | | µg/L | WA |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <10 | | µg/L | WA |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Chromium | 2.1 | J3 | µg/L | WA |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <5.0 | | µg/L | WA |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <5.0 | | µg/L | WA |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <5.0 | | µg/L | WA |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <5.0 | | µg/L | WA |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <5.0 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | GE |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 41 | J2 | µg/L | GE |
| 0 | Iron | 13 | | µg/L | WA |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lead | 2.7 | J3 | µg/L | WA |
| 0 | Magnesium | 2,640 | | µg/L | GE |
| 0 | Magnesium | 2,410 | | µg/L | WA |
| 2 | Manganese | 78 | | µg/L | GE |
| 2 | Manganese | 70 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 1 | Nitrate as nitrogen | 6,380 | | µg/L | WA |
| 2 | Nitrate-nitrite as nitrogen | 11,300 | | µg/L | GE |
| 2 | Nitrate-nitrite as nitrogen | 10,600 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | GE |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 2,700 | | µg/L | GE |
| 0 | Potassium | 2,480 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 13,600 | | µg/L | GE |
| 0 | Silica | 12,600 | | µg/L | WA |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | Silver | 0.85 | J3 | µg/L | WA |
| 0 | Sodium | 10,500 | | µg/L | GE |
| 0 | Sodium | 7,900 | | µg/L | WA |
| 0 | Sulfate | <1,000 | | µg/L | GE |
| 0 | Sulfate | 451 | | µg/L | WA |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <5.0 | | µg/L | WA |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |

WELL TBG 1 collected on 09/21/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tetrachloroethylene | <5.0 | | µg/L | WA |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <5.0 | | µg/L | WA |
| 0 | Total dissolved solids | 90,000 | | µg/L | GE |
| 0 | Total dissolved solids | 89,000 | | µg/L | WA |
| 2 | Total inorganic carbon | 10,500 | | µg/L | GE |
| 2 | Total inorganic carbon | 15,500 | | µg/L | WA |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 2 | Total organic halogens | 99 | | µg/L | GE |
| 2 | Total organic halogens | 97 | | µg/L | GE |
| 2 | Total organic halogens | 134 | | µg/L | WA |
| 0 | Total phosphates (as P) | <50 | | µg/L | GE |
| 0 | Total phosphates (as P) | 27 | | µg/L | WA |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <5.0 | | µg/L | WA |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <5.0 | | µg/L | WA |
| 2 | Trichloroethylene | 160 | | µg/L | GE |
| 2 | Trichloroethylene | 32 | | µg/L | GE |
| 2 | Trichloroethylene | 295 | | µg/L | WA |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <5.0 | | µg/L | WA |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | GP |
| 0 | Americium-241 | <1.0E-09 | | µCi/mL | CN |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.5E-08 | | µCi/mL | CN |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <5.0E-08 | | µCi/mL | CN |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | CN |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.2E-08 | | µCi/mL | CN |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <5.0E-08 | | µCi/mL | CN |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.5E-08 | | µCi/mL | CN |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <2.5E-08 | | µCi/mL | CN |
| 1 | Gross alpha | 9.3E-09 ± 2.6E-09 | | µCi/mL | GE |
| 2 | Gross alpha | 1.6E-08 ± 3.7E-09 | | µCi/mL | TM |
| 2 | Gross alpha | 1.8E-08 ± 3.7E-09 | | µCi/mL | TM |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | CN |
| 0 | Iodine-129 | <2.0E-09 | | µCi/mL | TE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | CN |
| 0 | Neptunium-237 | <4.5E-08 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 8.8E-09 ± 2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | 7.6E-09 ± 2.2E-09 | | µCi/mL | TM |
| 0 | Nonvolatile beta | 1.0E-08 ± 2.4E-09 | | µCi/mL | TM |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-238 | <1.0E-09 | | µCi/mL | CN |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | GP |
| 0 | Plutonium-239/240 | <1.0E-09 | | µCi/mL | CN |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <2.5E-07 | | µCi/mL | CN |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | CN |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <2.3E-08 | | µCi/mL | CN |
| 1 | Radium-226 | 9.6E-09 ± 5.7E-10 | | µCi/mL | GP |
| 1 | Radium-226 | 7.9E-09 ± 4.0E-10 | | µCi/mL | GP |
| 0 | Radium-226 | <2.2E-07 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 5.1E-09 ± 7.9E-10 | | µCi/mL | CN |
| 0 | Radium-226 | 5.0E-09 ± 9.1E-10 | | µCi/mL | TM |
| 0 | Radium-228 | 2.3E-09 ± 1.0E-09 | | µCi/mL | GP |
| 0 | Radium-228 | 8.0E-10 ± 9.0E-10 | | µCi/mL | TM |
| 0 | Ruthenium-103 | <1.0E-08 | | µCi/mL | CN |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <8.0E-08 | | µCi/mL | CN |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | CN |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-89 | <2.0E-09 | | µCi/mL | CN |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | GP |
| 0 | Strontium-90 | <2.0E-09 | | µCi/mL | CN |

WELL SSS 24 collected on 08/26/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.9E-06 ± 4.3E-07 | | µCi/mL | CN |

## WELL SSS 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92 — Time: 14:15
Depth to water: 19.81 ft (5.98 m) below TOC — pH: 5.7
Water elevation: 183.59 ft (55.96 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 47 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 10 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.8 | JQ | pH | WA |
| 0 | Specific conductance | 36 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.3 | J3 | µg/L | WA |
| 0 | Cadmium | 1.5 | J3 | µg/L | WA |
| 0 | Calcium | 974 | | µg/L | WA |
| 0 | Chloride | 5,020 | | µg/L | WA |
| 0 | Chromium | 1.4 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 2 | Iron | 1,710 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 432 | | µg/L | WA |
| 2 | Manganese | 133 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 589 | | µg/L | WA |
| 0 | Phenols | 8.0 | | µg/L | WA |
| 0 | Potassium | 934 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 4,120 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 4,880 | | µg/L | WA |
| 0 | Sulfate | 3,520 | | µg/L | WA |
| 0 | Sulfate | 3,520 | | µg/L | WA |
| 0 | Total dissolved solids | 24,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,300 | | µg/L | WA |
| 1 | Total organic halogens | 33 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 291 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 0 | Gross alpha | 5.3E-09 ± 7.1E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 4.6E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.3E-09 ± 2.5E-10 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.1E-06 ± 4.8E-07 | | µCi/mL | CN |

## WELL SSS 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/92 — Time: 12:20
Depth to water: 30.66 ft (9.35 m) below TOC — pH: 4.5
Water elevation: 183.94 ft (56.07 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 54 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | WA |
| 0 | Specific conductance | 29 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | 1.2 | J3 | µg/L | WA |
| 0 | Calcium | 1,090 | | µg/L | WA |
| 0 | Chloride | 6,510 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 5.5 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 308 | | µg/L | WA |
| 0 | Manganese | 4.4 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 683 | | µg/L | WA |
| 0 | Phenols | 10 | | µg/L | WA |
| 0 | Potassium | 682 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 4,080 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 7,740 | | µg/L | WA |

WELL SSS 26 collected on 08/15/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Sulfate | 5,710 | | µg/L | WA |
| 0 | Total dissolved solids | 22,000 | | µg/L | WA |
| 0 | Total organic carbon | 3,770 | | µg/L | WA |
| 2 | Total organic halogens | 191 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 1,040 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 0 | Gross alpha | 3.2E-09 ± 5.6E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.2E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.1E-06 ± 5.0E-07 | | µCi/mL | CN |

## WELL SSS 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/18/92 — Time: 15:05
Depth to water: 42.98 ft (13.10 m) below TOC — pH: 4.6
Water elevation: 170.62 ft (52.07 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 7 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.0 | JQ | pH | WA |
| 0 | Specific conductance | 26 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | 1.3 | J3 | µg/L | WA |
| 0 | Calcium | 205 | | µg/L | WA |
| 0 | Chloride | 1,990 | | µg/L | WA |
| 0 | Chromium | 1.2 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 40 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 359 | | µg/L | WA |
| 0 | Manganese | 5.4 | | µg/L | WA |
| 0 | Mercury | 0.21 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 432 | | µg/L | WA |
| 0 | Phenols | 12 | | µg/L | WA |
| 0 | Potassium | 162 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,650 | | µg/L | WA |
| 0 | Silver | 0.70 | J3 | µg/L | WA |
| 0 | Sodium | 1,920 | | µg/L | WA |
| 0 | Sulfate | 258 | | µg/L | WA |
| 0 | Total dissolved solids | 32,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,100 | | µg/L | WA |
| 0 | Total organic halogens | 18 | JQ | µg/L | WA |
| 0 | Total organic halogens | 22 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 726 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 1 | Gross alpha | 9.0E-09 ± 9.2E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 4.0E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.6E-09 ± 2.8E-10 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 9.0E-07 ± 3.9E-07 | | µCi/mL | CN |
| 0 | Tritium | 8.3E-07 ± 3.9E-07 | | µCi/mL | CN |

## WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/21/92 — Time: 11:30
Depth to water: 49.74 ft (15.16 m) below TOC — pH: 4.5
Water elevation: 101.46 ft (30.93 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 149 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | pH | 5.8 | JQ | pH | WA |
| 0 | Specific conductance | 100 | | µS/cm | GE |
| 0 | Specific conductance | 97 | JQ | µS/cm | WA |
| 0 | Specific conductance | 97 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 113 | | µg/L | GE |
| 0 | Barium | 102 | | µg/L | WA |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <5.0 | | µg/L | WA |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |

# ANALYTICAL RESULTS

## WELL SSS 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/92 Time: 17:45
Depth to water: 92.72 ft (28.26 m) below TOC pH: 4.9
Water elevation: 193.78 ft (59.06 m) msl Alkalinity: 1 mg/L
Sp. conductance: 26 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | WA |
| 0 | Specific conductance | 24 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.3 | J3 | µg/L | WA |
| 0 | Cadmium | 1.2 | J3 | µg/L | WA |
| 0 | Calcium | 1,040 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 18 | | µg/L | WA |
| 0 | Lead | 4.2 | J3 | µg/L | WA |
| 0 | Magnesium | 409 | | µg/L | WA |
| 0 | Manganese | 7.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 183 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 375 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,160 | | µg/L | WA |
| 0 | Silver | 2.3 | J3 | µg/L | WA |
| 0 | Sodium | 2,470 | | µg/L | WA |
| 0 | Total organic carbon | 1,820 | | µg/L | WA |
| 1 | Total organic halogens | 27 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 1,600 | | µg/L | WA |

## WELL SSS 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92 Time: 12:20
Depth to water: 47.66 ft (14.53 m) below TOC pH: 5.0
Water elevation: 243.24 ft (74.14 m) msl Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 14 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 26 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 7.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 847 | | µg/L | WA |
| 0 | Chloride | 5,970 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 13 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 583 | | µg/L | WA |
| 0 | Manganese | 13 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,080 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 264 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,160 | | µg/L | WA |
| 0 | Silver | 1.2 | J3 | µg/L | WA |
| 0 | Sodium | 1,690 | | µg/L | WA |
| 0 | Sulfate | 589 | | µg/L | WA |
| 0 | Total dissolved solids | 13,000 | | µg/L | WA |
| 0 | Total organic carbon | 3,380 | | µg/L | WA |
| 0 | Total organic halogens | 23 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 232 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.0E-06 ± 4.7E-07 | | µCi/mL | CN |

## WELL SSS 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92 Time: 11:15
Depth to water: 49.60 ft (15.12 m) below TOC pH: 4.9
Water elevation: 251.40 ft (76.63 m) msl Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 10 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 20 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 814 | | µg/L | WA |
| 0 | Chloride | 2,910 | | µg/L | WA |
| 0 | Chromium | 2.6 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 18 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 363 | | µg/L | WA |
| 0 | Manganese | 6.6 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 438 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 436 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,300 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,300 | | µg/L | WA |
| 0 | Sulfate | 517 | | µg/L | WA |
| 0 | Total dissolved solids | 11,000 | | µg/L | WA |
| 1 | Total organic carbon | 5,100 | | µg/L | WA |
| 2 | Total organic halogens | 221 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 984 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | 2.1E-09 ± 6.4E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 1.6E-06 ± 4.1E-07 | | µCi/mL | CN |

## WELL SSS 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 Time: 9:15
Depth to water: 61.88 ft (18.86 m) below TOC pH: 5.3
Water elevation: 253.32 ft (77.21 m) msl Alkalinity: 1 mg/L
Sp. conductance: 15 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.7 | JQ | pH | WA |
| 0 | Specific conductance | 19 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 519 | | µg/L | WA |
| 0 | Chloride | 2,470 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 7.4 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 270 | | µg/L | WA |
| 0 | Manganese | 4.6 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 261 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 407 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 4,980 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,120 | | µg/L | WA |
| 0 | Sulfate | 371 | | µg/L | WA |
| 0 | Total dissolved solids | 18,000 | | µg/L | WA |
| 2 | Total organic carbon | 15,700 | | µg/L | WA |
| 2 | Total organic halogens | 111 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 322 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.55 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |

## WELL SSS 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 8:35
Depth to water: 73.85 ft (22.51 m) below TOC — pH: 4.7
Water elevation: 230.25 ft (70.18 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 32 | JQ | µS/cm | WA |
| 0 | Specific conductance | 32 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,120 | | µg/L | WA |
| 0 | Chromium | 1.3 | J3 | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 16 | | µg/L | WA |
| 0 | Lead | 2.6 | J3 | µg/L | WA |
| 0 | Magnesium | 473 | | µg/L | WA |
| 2 | Manganese | 118 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 491 | | µg/L | WA |
| 0 | Phenols | 9.6 | | µg/L | WA |
| 0 | Potassium | 498 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,910 | | µg/L | WA |
| 0 | Silver | 1.7 | J3 | µg/L | WA |
| 0 | Sodium | 4,670 | | µg/L | WA |
| 2 | Total organic carbon | 15,000 | | µg/L | WA |
| 2 | Total organic halogens | 288 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 1,360 | | µg/L | WA |

## WELL SSS 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/92 — Time: 8:10
Depth to water: 70.09 ft (21.36 m) below TOC — pH: 4.5
Water elevation: 232.21 ft (70.78 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.8 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 359 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | Iron | 30 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Magnesium | 327 | | µg/L | WA |
| 0 | Manganese | 12 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Potassium | 482 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,650 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,610 | | µg/L | WA |
| 0 | Total organic carbon | <500 | | µg/L | WA |
| 0 | Total organic halogens | 15 | JQ | µg/L | WA |

## WELL SSS 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/92 — Time: 15:50
Depth to water: 29.09 ft (8.87 m) below TOC — pH: 4.6
Water elevation: 193.61 ft (59.01 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 5 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | WA |
| 0 | Specific conductance | 19 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 5.8 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 296 | | µg/L | WA |
| 0 | Chloride | 1,970 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | Endrin | <0.10 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 16 | | µg/L | WA |

WELL SSS 17 collected on 08/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lead | 2.7 | J3 | µg/L | WA |
| 0 | Lindane | <0.052 | | µg/L | WA |
| 0 | Magnesium | 540 | | µg/L | WA |
| 0 | Manganese | 1.8 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.52 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 770 | | µg/L | WA |
| 0 | Nitrite as nitrogen | 15 | JQ | µg/L | WA |
| 0 | Phenols | 15 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,010 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | <111 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | Total dissolved solids | 17,000 | | µg/L | WA |
| 0 | Total organic carbon | 995 | | µg/L | WA |
| 1 | Total organic halogens | 30 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 857 | | µg/L | WA |
| 0 | Toxaphene | <1.0 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.52 | | µg/L | WA |
| 1 | Gross alpha | 1.1E-08 ± 1.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 6.3E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.4E-09 ± 2.9E-10 | | µCi/mL | CN |
| 0 | Tritium | 7.8E-07 ± 4.0E-07 | | µCi/mL | CN |

## WELL SSS 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/92 — Time: 16:45
Depth to water: 47.77 ft (14.56 m) below TOC — pH: 5.1
Water elevation: 182.43 ft (55.61 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 22 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | 2.3 | | µg/L | WA |
| 0 | Calcium | 992 | | µg/L | WA |
| 0 | Chloride | 4,210 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 20 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 665 | | µg/L | WA |
| 0 | Manganese | 9.0 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 604 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | 682 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,570 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,010 | | µg/L | WA |
| 0 | Sulfate | 1,140 | | µg/L | WA |
| 0 | Total dissolved solids | 26,000 | | µg/L | WA |
| 0 | Total organic carbon | 3,660 | | µg/L | WA |
| 2 | Total organic halogens | 84 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 1,040 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 1 | Gross alpha | 1.0E-08 ± 9.9E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 2.4E-08 ± 1.4E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.9E-06 ± 5.1E-07 | | µCi/mL | CN |

## WELL SSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/92 — Time: 17:20
Depth to water: 75.11 ft (22.89 m) below TOC — pH: 4.8
Water elevation: 177.89 ft (54.22 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Total organic carbon | 1,200 | | µg/L | WA |
| 2 | Total organic halogens | 50 | JQ | µg/L | WA |

WELL SSS 6 collected on 08/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Methoxychlor | <0.53 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 402 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,910 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,320 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | Total dissolved solids | 6,000 | | µg/L | WA |
| 0 | Total dissolved solids | 8,000 | JQ | µg/L | WA |
| 0 | Total organic carbon | 1,100 | | µg/L | WA |
| 1 | Total organic halogens | 29 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 1,490 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.52 | | µg/L | WA |
| 1 | Gross alpha | 9.8E-09 ± 9.3E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.9E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.2E-09 ± 2.5E-10 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.7E-06 ± 5.1E-07 | | µCi/mL | CN |

## WELL SSS 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/92 — Time: 11:45
Depth to water: 61.29 ft (18.68 m) below TOC — pH: 4.7
Water elevation: 185.31 ft (50.39 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 4 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 25 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,130 | | µg/L | WA |
| 0 | Chloride | 2,950 | | µg/L | WA |
| 0 | Chromium | 3.0 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 25 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 553 | | µg/L | WA |
| 0 | Manganese | 1.2 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,020 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Phenols | 11 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 9,300 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,920 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | Total dissolved solids | 26,000 | | µg/L | WA |
| 1 | Total organic carbon | 6,340 | | µg/L | WA |
| 2 | Total organic halogens | 80 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 2,270 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 0 | Gross alpha | 3.5E-09 ± 6.1E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.5E-06 ± 5.1E-07 | | µCi/mL | CN |

## WELL SSS 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/92 — Time: 12:35
Depth to water: 46.83 ft (14.30 m) below TOC — pH: 4.9
Water elevation: 154.27 ft (47.02 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 4 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 14 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 300 | | µg/L | WA |
| 0 | Chloride | 2,050 | | µg/L | WA |

WELL SSS 8 collected on 08/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 21 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 334 | | µg/L | WA |
| 0 | Manganese | 0.60 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 311 | | µg/L | WA |
| 0 | Phenols | 9.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 6,450 | | µg/L | WA |
| 0 | Silver | 0.88 | J3 | µg/L | WA |
| 0 | Sodium | 1,380 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | Total dissolved solids | 12,000 | | µg/L | WA |
| 1 | Total organic carbon | 8,490 | | µg/L | WA |
| 2 | Total organic halogens | 282 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 3,390 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.52 | | µg/L | WA |
| 1 | Gross alpha | 7.7E-09 ± 8.2E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 4.7E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | 1.3E-09 ± 2.6E-10 | | µCi/mL | CN |
| 0 | Tritium | 3.6E-06 ± 5.1E-07 | | µCi/mL | CN |

## WELL SSS 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/92 — Time: 13:05
The well was dry.

## WELL SSS 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92 — Time: 9:15
Depth to water: 72.77 ft (22.18 m) below TOC — pH: 4.8
Water elevation: 238.83 ft (72.80 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 4 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 47 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,230 | | µg/L | WA |
| 0 | Chloride | 8,740 | | µg/L | WA |
| 0 | Chromium | 2.8 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 28 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Magnesium | 815 | | µg/L | WA |
| 2 | Manganese | 72 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 1,120 | | µg/L | WA |
| 0 | Phenols | 18 | | µg/L | WA |
| 0 | Potassium | 805 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,020 | | µg/L | WA |
| 0 | Silver | 1.7 | J3 | µg/L | WA |
| 0 | Sodium | 4,540 | | µg/L | WA |
| 0 | Sulfate | 525 | | µg/L | WA |
| 0 | Total dissolved solids | 40,000 | | µg/L | WA |
| 2 | Total organic carbon | 16,300 | | µg/L | WA |
| 2 | Total organic halogens | 508 | | µg/L | WA |
| 0 | Total phosphates (as P) | 1,110 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.54 | | µg/L | WA |
| 0 | Gross alpha | 2.4E-09 ± 6.8E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 2.3E-06 ± 4.4E-07 | | µCi/mL | CN |

## WELL SSS 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92 Time: 15:30
Depth to water: 10.45 ft (3.19 m) below TOC pH: 4.8
Water elevation: 153.15 ft (46.68 m) msl Alkalinity: 0 mg/L
Sp. conductance: 18 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | WA |
| 0 | Specific conductance | 16 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 823 | | µg/L | WA |
| 0 | Chloride | 2,450 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 31 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 307 | | µg/L | WA |
| 0 | Manganese | 10 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 151 | | µg/L | WA |
| 0 | Phenols | 9.9 | | µg/L | WA |
| 0 | Potassium | 145 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,700 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 871 | | µg/L | WA |
| 0 | Sulfate | 2,510 | | µg/L | WA |
| 0 | Total dissolved solids | 39,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,330 | | µg/L | WA |
| 1 | Total organic halogens | 34 | | µg/L | WA |
| 0 | Total phosphates (as P) | 274 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.58 | | µg/L | WA |
| 0 | Gross alpha | 4.9E-09 ± 7.5E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 3.1E-09 ± 1.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 9.7E-07 ± 3.9E-07 | | µCi/mL | CN |

## WELL SSS 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/92 Time: 10:15
Depth to water: 65.41 ft (19.94 m) below TOC pH: 4.5
Water elevation: 201.39 ft (61.38 m) msl Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 5 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 4.9 | JQ | pH | WA |
| 0 | Specific conductance | 19 | JQ | µS/cm | WA |
| 0 | Specific conductance | 19 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 311 | | µg/L | WA |
| 0 | Chloride | 2,800 | | µg/L | WA |
| 0 | Chromium | 3.0 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.20 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 24 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Lindane | <0.10 | | µg/L | WA |
| 0 | Magnesium | 430 | | µg/L | WA |
| 0 | Manganese | 4.1 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Methoxychlor | <1.0 | | µg/L | WA |
| 0 | Methoxychlor | <1.0 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 342 | | µg/L | WA |
| 0 | Phenols | <5.0 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 5,840 | | µg/L | WA |
| 0 | Silver | 0.88 | J3 | µg/L | WA |
| 0 | Sodium | 1,490 | | µg/L | WA |
| 0 | Sulfate | 459 | | µg/L | WA |
| 0 | Total dissolved solids | 11,000 | | µg/L | WA |
| 0 | Total organic carbon | 2,640 | | µg/L | WA |

WELL SSS 4 collected on 08/16/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 1 | Total organic halogens | 39 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 1,640 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.0 | | µg/L | WA |
| 0 | Toxaphene | <2.0 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 0 | Gross alpha | 4.0E-09 ± 6.2E-10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.5E-08 ± 6.5E-07 | | µCi/mL | CN |

## WELL SSS 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/92 Time: 9:15
Depth to water: 47.40 ft (14.45 m) below TOC pH: 5.2
Water elevation: 192.60 ft (58.71 m) msl Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 5 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | pH | 6.6 | JQ | pH | WA |
| 0 | Specific conductance | 32 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | <4.0 | | µg/L | WA |
| 0 | Cadmium | 1.7 | J3 | µg/L | WA |
| 0 | Calcium | 1,210 | | µg/L | WA |
| 0 | Chloride | 3,160 | | µg/L | WA |
| 0 | Chromium | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 19 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.053 | | µg/L | WA |
| 0 | Magnesium | 570 | | µg/L | WA |
| 0 | Manganese | 3.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 824 | | µg/L | WA |
| 0 | Phenols | 5.4 | | µg/L | WA |
| 0 | Potassium | <84 | | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,230 | | µg/L | WA |
| 0 | Silver | 1.4 | J3 | µg/L | WA |
| 0 | Sodium | 2,020 | | µg/L | WA |
| 0 | Sulfate | <250 | | µg/L | WA |
| 0 | Total dissolved solids | 19,000 | | µg/L | WA |
| 0 | Total organic carbon | 1,100 | | µg/L | WA |
| 0 | Total organic halogens | 18 | JQ | µg/L | WA |
| 0 | Total phosphates (as P) | 1,740 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.51 | | µg/L | WA |
| 0 | Gross alpha | 6.4E-09 ± 3.4E 10 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.1E-06 ± 4.9E-07 | | µCi/mL | CN |

## WELL SSS 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/92 Time: 8:30
Depth to water: 32.31 ft (9.85 m) below TOC pH: 4.7
Water elevation: 181.09 ft (55.20 m) msl Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 5 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 17 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 4.5 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 802 | | µg/L | WA |
| 0 | Chloride | 2,570 | | µg/L | WA |
| 0 | Chromium | 2.3 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.0 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 21 | | µg/L | WA |
| 0 | Lead | 5.5 | J3 | µg/L | WA |
| 0 | Lindane | <0.053 | | µg/L | WA |
| 0 | Magnesium | 492 | | µg/L | WA |
| 0 | Manganese | 4.5 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |

# ANALYTICAL RESULTS

WELL SRW 18C collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 24 | | µg/L | GE |
| 1 | Lead | 12 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 17 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | 1.6 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 17 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 3.1E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.8E-09 ± 2.7E-10 | | µCi/mL | GP |
| 0 | Radium-226 | 1.9E-09 ± 2.8E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 9.9E-07 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SSS 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92
Depth to water: 35.83 ft (10.92 m) below TOC
Water elevation: 159.07 ft (48.49 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 4 gal

Time: 16:15
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | pH | 5.3 | JQ | pH | WA |
| 0 | Specific conductance | 26 | JQ | µS/cm | WA |
| 0 | Specific conductance | 26 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.4 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 1,150 | | µg/L | WA |
| 0 | Chloride | 3,690 | | µg/L | WA |
| 0 | Chromium | 1.2 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Endrin | <0.22 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 54 | | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |

WELL SSS 1 collected on 08/25/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Lindane | <0.056 | | µg/L | WA |
| 0 | Lindane | <0.11 | | µg/L | WA |
| 0 | Magnesium | 384 | | µg/L | WA |
| 0 | Manganese | 4.8 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.56 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Methoxychlor | <1.1 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 757 | | µg/L | WA |
| 0 | Phenols | 8.6 | | µg/L | WA |
| 0 | Phenols | 12 | | µg/L | WA |
| 0 | Potassium | 190 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,430 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 1,860 | | µg/L | WA |
| 0 | Sulfate | 340 | | µg/L | WA |
| 0 | Sulfate | 379 | | µg/L | WA |
| 0 | Total dissolved solids | 17,000 | | µg/L | WA |
| 2 | Total organic carbon | 15,200 | | µg/L | WA |
| 2 | Total organic halogens | 713 | | µg/L | WA |
| 0 | Total phosphates (as P) | 1,200 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | Toxaphene | <2.2 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 1 | Gross alpha | 1.2E-08 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | 8.6E-09 ± 1.1E-09 | | µCi/mL | CN |
| 0 | Radium-226 | 1.7E-09 ± 2.9E-10 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 3.7E-08 ± 5.0E-07 | | µCi/mL | CN |

## WELL SSS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/25/92
Depth to water: 12.28 ft (3.74 m) below TOC
Water elevation: 152.82 ft (46.58 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 7 gal

Time: 14:45
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.1 | JQ | pH | WA |
| 0 | Specific conductance | 29 | JQ | µS/cm | WA |
| 0 | Arsenic | <2.0 | | µg/L | WA |
| 0 | Barium | 8.9 | J3 | µg/L | WA |
| 0 | Cadmium | <0.35 | | µg/L | WA |
| 0 | Calcium | 649 | | µg/L | WA |
| 0 | Chloride | 4,310 | | µg/L | WA |
| 0 | Chromium | 1.8 | J3 | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <1.1 | | µg/L | WA |
| 0 | 2,4-Dichlorophenoxyacetic acid | <2.2 | | µg/L | WA |
| 0 | Endrin | <0.11 | | µg/L | WA |
| 0 | Fluoride | <100 | | µg/L | WA |
| 0 | Iron | 8.6 | J3 | µg/L | WA |
| 0 | Lead | <2.0 | | µg/L | WA |
| 0 | Lindane | <0.055 | | µg/L | WA |
| 0 | Magnesium | 668 | | µg/L | WA |
| 0 | Manganese | 1.4 | J3 | µg/L | WA |
| 0 | Mercury | <0.20 | | µg/L | WA |
| 0 | Methoxychlor | <0.55 | | µg/L | WA |
| 0 | Nitrate as nitrogen | 893 | | µg/L | WA |
| 0 | Phenols | 13 | | µg/L | WA |
| 0 | Potassium | 307 | J3 | µg/L | WA |
| 0 | Selenium | <2.0 | | µg/L | WA |
| 0 | Silica | 7,190 | | µg/L | WA |
| 0 | Silver | <0.70 | | µg/L | WA |
| 0 | Sodium | 2,040 | | µg/L | WA |
| 0 | Sulfate | 344 | | µg/L | WA |
| 0 | Total dissolved solids | 22,000 | | µg/L | WA |
| 0 | Total organic carbon | 681 | | µg/L | WA |
| 0 | Total organic halogens | 14 | | µg/L | WA |
| 0 | Total phosphates (as P) | 151 | | µg/L | WA |
| 0 | Toxaphene | <1.1 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <0.56 | | µg/L | WA |
| 0 | 2,4,5-TP (Silvex) | <1.1 | | µg/L | WA |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | CN |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | CN |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | CN |
| 0 | Radium-228 | <1.0E-09 | | µCi/mL | CN |
| 0 | Tritium | 5.3E-06 ± 5.5E-07 | | µCi/mL | CN |

## WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 Time: 14:45
Depth to water: 132.17 ft (40.29 m) below TOC pH: 4.9
Water elevation: 214.63 ft (65.42 m) msl Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 143 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.2 | JQ | pH | GE |
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 6.1 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 34 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.2 | J2 | µg/L | GE |
| 0 | Dichloromethane | 2.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0080 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 1 | Lead | 10.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 13 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |

WELL SRW 16B collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.1 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 20 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.7E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 2.2E-09 ± 3.5E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 1.1E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Tritium | 1.1E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 Time: 14:25
Depth to water: 134.87 ft (41.11 m) below TOC pH: 5.1
Water elevation: 211.73 ft (64.54 m) msl Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.3 | JQ | pH | GE |
| 0 | Specific conductance | 15 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 7.4 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 38 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |

WELL SRW 15C collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 4.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 3.5 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 8.6 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 2.7E-09 ± 8.0E-10 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 2.1E-09 ± 3.5E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 2.1E-06 ± 4.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: 132.76 ft (40.47 m) below TOC
Water elevation: 214.04 ft (65.24 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 32 gal
The well went dry during purging.

Time: 8:45
pH: 5.8
Alkalinity: 12 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.3 | JQ | pH | GE |
| 0 | Specific conductance | 40 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |

WELL SRW 16A collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Barium | 5.8 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | <4.0 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | <1.0 | | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 31 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 24 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 3.5 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 9.4 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 6.3E-09 ± 2.1E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.0E-09 ± 1.5E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.8E-09 ± 3.0E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

WELL SRW 15A collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 12 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 2.0E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92
Depth to water: 109.48 ft (33.37 m) below TOC
Water elevation: 209.62 ft (63.89 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 152 gal

Time: 17:20
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.4 | JQ | pH | GE |
| 0 | Specific conductance | 8.0 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | 16 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 6.6 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |

WELL SRW 15B collected on 07/11/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 7.6 | | µg/L | GE |
| 0 | Lead | 5.7 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 4.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | 1.9 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 5.8 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | 6.2E-09 ± 1.1E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 3.5E-09 ± 1.7E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | 1.7E-09 ± 3.0E-10 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 2.0E-06 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92
Depth to water: 106.39 ft (32.43 m) below TOC
Water elevation: 212.71 ft (64.83 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 66 gal

Time: 17:35
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.5 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 3.8 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 23 | | µg/L | GE |

## WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92 Time: 12:10
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 15 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | <3.0 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 35 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 2.4 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | 20 | | µg/L | GE |
| 0 | Lead | 7.2 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 8.6 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | Trichloroethylene | <1.0 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 58 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |

WELL SRW 14C collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-146 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | 9.0E-07 ± 3.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/92 Time: 17:45
Depth to water: 109.72 ft (33.44 m) below TOC pH: 5.5
Water elevation: 209.38 ft (63.82 m) msl Alkalinity: 8 mg/L
Sp. conductance: 30 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 305 gal

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 6.1 | JQ | pH | GE |
| 0 | Specific conductance | 30 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 12 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 8.6 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.7 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | <3.0 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 6.2 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | J1 | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |

WELL SRW 14A collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 0 | Lead | 4.6 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 4.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 2 | Trichloroethylene | 13 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 5.4 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Nonvolatile beta | <2.0E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

## WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/92
Depth to water: 121.39 ft (37.00 m) below TOC
Water elevation: 205.51 ft (62.64 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 138 gal

Time: 11:50
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | pH | 5.6 | JQ | pH | GE |
| 0 | Specific conductance | 20 | | µS/cm | GE |
| 0 | Aldrin | <0.050 | | µg/L | GE |
| 0 | Antimony | <2.0 | | µg/L | GE |
| 0 | Arsenic | <2.0 | | µg/L | GE |
| 0 | Barium | 5.3 | | µg/L | GE |
| 0 | Benzene | <1.0 | | µg/L | GE |

WELL SRW 14B collected on 07/12/92, laboratory analyses (cont.)

| F | Analyte | Result | Mod | Unit | Lab |
|---|---|---|---|---|---|
| 0 | alpha-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | beta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | delta-Benzene hexachloride | <0.050 | | µg/L | GE |
| 0 | Beryllium | <3.0 | | µg/L | GE |
| 0 | Bromodichloromethane | <1.0 | | µg/L | GE |
| 0 | Bromoform | <1.0 | | µg/L | GE |
| 0 | Bromomethane | <1.0 | | µg/L | GE |
| 0 | Cadmium | <2.0 | | µg/L | GE |
| 0 | Carbon tetrachloride | <1.0 | | µg/L | GE |
| 0 | Chlordane | <0.50 | | µg/L | GE |
| 0 | Chlorobenzene | <1.0 | | µg/L | GE |
| 0 | Chloroethane | <1.0 | | µg/L | GE |
| 0 | Chloroethene (Vinyl chloride) | <1.0 | | µg/L | GE |
| 0 | 2-Chloroethyl vinyl ether | <1.0 | | µg/L | GE |
| 0 | Chloroform | <1.0 | | µg/L | GE |
| 0 | Chloromethane | <1.0 | | µg/L | GE |
| 0 | Chromium | <4.0 | | µg/L | GE |
| 0 | Cobalt | <4.0 | | µg/L | GE |
| 0 | Copper | 115 | | µg/L | GE |
| 0 | p,p'-DDD | <0.10 | | µg/L | GE |
| 0 | p,p'-DDE | <0.10 | | µg/L | GE |
| 0 | p,p'-DDT | <0.10 | | µg/L | GE |
| 0 | Dibromochloromethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,2-Dichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | trans-1,2-Dichloroethylene | <1.0 | | µg/L | GE |
| 0 | Dichloromethane | 1.5 | J2 | µg/L | GE |
| 0 | 2,4-Dichlorophenoxyacetic acid | <0.30 | | µg/L | GE |
| 0 | 1,2-Dichloropropane | <1.0 | | µg/L | GE |
| 0 | cis-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | trans-1,3-Dichloropropene | <1.0 | | µg/L | GE |
| 0 | Dieldrin | <0.50 | | µg/L | GE |
| 0 | Endosulfan I | <0.10 | | µg/L | GE |
| 0 | Endosulfan II | <0.10 | | µg/L | GE |
| 0 | Endosulfan sulfate | <0.10 | | µg/L | GE |
| 0 | Endrin | <0.0060 | | µg/L | GE |
| 0 | Endrin aldehyde | <0.10 | | µg/L | GE |
| 0 | Ethylbenzene | <1.0 | | µg/L | GE |
| 0 | Heptachlor | <0.050 | | µg/L | GE |
| 0 | Heptachlor epoxide | <0.050 | | µg/L | GE |
| 0 | Iron | <4.0 | | µg/L | GE |
| 1 | Lead | 12 | | µg/L | GE |
| 0 | Lindane | <0.0050 | | µg/L | GE |
| 0 | Manganese | 8.0 | | µg/L | GE |
| 0 | Mercury | <0.20 | | µg/L | GE |
| 0 | Methoxychlor | <0.50 | | µg/L | GE |
| 0 | Nickel | <4.0 | | µg/L | GE |
| 0 | Parathion | <0.050 | | µg/L | GE |
| 0 | Parathion methyl | <0.050 | | µg/L | GE |
| 0 | PCB 1016 | <0.50 | | µg/L | GE |
| 0 | PCB 1221 | <0.50 | | µg/L | GE |
| 0 | PCB 1232 | <0.50 | | µg/L | GE |
| 0 | PCB 1242 | <0.50 | | µg/L | GE |
| 0 | PCB 1248 | <0.50 | | µg/L | GE |
| 0 | PCB 1254 | <0.50 | | µg/L | GE |
| 0 | PCB 1260 | <0.50 | | µg/L | GE |
| 0 | Phorate | <0.10 | | µg/L | GE |
| 0 | Selenium | <2.0 | | µg/L | GE |
| 0 | Silver | <2.0 | | µg/L | GE |
| 0 | 1,1,2,2-Tetrachloroethane | <1.0 | | µg/L | GE |
| 0 | Tetrachloroethylene | <1.0 | | µg/L | GE |
| 0 | Thallium | <2.0 | | µg/L | GE |
| 0 | Tin | <2.0 | | µg/L | GE |
| 0 | Toluene | <1.0 | | µg/L | GE |
| 0 | Total organic carbon | <1,000 | | µg/L | GE |
| 0 | Total organic halogens | <5.0 | | µg/L | GE |
| 0 | Toxaphene | <0.24 | | µg/L | GE |
| 0 | 2,4,5-TP (Silvex) | <0.090 | | µg/L | GE |
| 0 | 1,1,1-Trichloroethane | <1.0 | | µg/L | GE |
| 0 | 1,1,2-Trichloroethane | <1.0 | | µg/L | GE |
| 1 | Trichloroethylene | 4.6 | | µg/L | GE |
| 0 | Trichlorofluoromethane | <1.0 | | µg/L | GE |
| 0 | Vanadium | <8.0 | | µg/L | GE |
| 0 | Zinc | 23 | | µg/L | GE |
| 0 | Antimony-125 | <2.0E-08 | | µCi/mL | GP |
| 0 | Cerium-144 | <6.0E-08 | | µCi/mL | GP |
| 0 | Cesium-134 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cesium-137 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-57 | <1.0E-08 | | µCi/mL | GP |
| 0 | Cobalt-60 | <1.0E-08 | | µCi/mL | GP |
| 0 | Europium-152 | <4.0E-08 | | µCi/mL | GP |
| 0 | Europium-154 | <2.0E-08 | | µCi/mL | GP |
| 0 | Europium-155 | <3.0E-08 | | µCi/mL | GP |
| 0 | Gross alpha | <2.0E-09 | | µCi/mL | GE |
| 0 | Manganese-54 | <1.0E-08 | | µCi/mL | GP |
| 0 | Nonvolatile beta | 2.4E-09 ± 1.4E-09 | | µCi/mL | GE |
| 0 | Potassium-40 | <1.1E-07 | | µCi/mL | GP |
| 0 | Promethium-144 | <1.0E-08 | | µCi/mL | GP |
| 0 | Promethium-148 | <1.0E-08 | | µCi/mL | GP |
| 0 | Radium-226 | <1.0E-09 | | µCi/mL | GP |
| 0 | Ruthenium-106 | <9.0E-08 | | µCi/mL | GP |
| 0 | Sodium-22 | <1.0E-08 | | µCi/mL | GP |
| 0 | Tritium | <7.0E-07 | | µCi/mL | GE |
| 0 | Yttrium-88 | <6.0E-08 | | µCi/mL | GP |
| 0 | Zinc-65 | <2.0E-08 | | µCi/mL | GP |

# END

DATE
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8/17/93